

Primary 4 Student's Book Term 1 Scot Esposito and Emma Wilkinson

Foreword

This is a pivotal time in the history of the Ministry of Education and Technical Education (MOETE) is Lgspt. We are embarking on the transformation of Egypt's K-12 education system (followation 2.0) starting in September 2018 with KOE, KO2 and Primary 1, continuing to be rolled out year after year until 2000. We are transforming the way in which students learn, to prepare Egypt's youth in succeed in a future world that we cannot entirely imagine. The rapid technological advancement and disruptions to industries and the workplace requires MOLTE to undergo a major configuration of when to learn and what to bearn. The foundational skills of Interacy, numeracy and digital Interacy are the core, Education as a young age also needs to be multidisciplinary to broaden students' horizons, integrating the essential suff skills and competencies such as continuintential and critical discking must be school carriculum. There must be joy in learning on that students are motivated to engage in lifeting learning throughout their lives, keeping up and staying ahead of changes in the world.

Carriestom is not the end but the beginning of the important process of changing Egypt's concation system. MORTE is very proud to present this new series of textbooks, Connect Phot, with the accompanying digital learning materials that explore its vision of the transformational journey. This is the result of much enoughtation, much thought and a lot of work. We have drawn on the best expertise and experience from national and international organizations and education professionals to support us in translating our vision into an importance national currendom framework and exciting and inspiring point and digital loarning materials.

The MOETH extends its deep appreciation to its own Center for Curriculum and Instructional Maurials Development (CCIMD) and specifically, the CCIMD Director and her amazing team. SIGETH is also very granted to the minuter's senior advisors for curriculum and early childhood education. Our deep appreciation goes to Discovery Education. Nabidet Mair, Longman Pappi. UNICEP, UNESCO. World Bank Education Experts and UK Education Experts who collectively, supported the development of Pappi's national curriculum framework. I also thank the Egyptian Facility of Education professors who participated in reviewing the national curriculum framework. Finally, I thank each and every MOETE administrator in all MOETE, sectors as well as the MOETE subject cosmoclusts who participated in the process.

This transformation of Egypt's edisestion wroten would not have been purable without the significant support of Egypt's cutron president, this Excellency President Abdel Partab El-Sisi. Overhanding the education system is part of the president's vision of 'rebuilding the Egyptian cutron' and it is closely countinated with the Ministries of Higher Education and Scientific Research. Culture, and Youth and Sports. Education 2.0 is only a part in a bigger estimal effort to propel Egypt to the ranks of developed countries and to ensure a great future to all of its citizens.

A Word from the Minister of Education and Technical Education

It is my great pleasure to eclebrate this extraordinary moment in the bisosty of Egypt where we knowly a new education system designed to prepare a new Egyptian citizen proud of his Egyptian. Arab and African roots - a new citizen who is innovative, a tritical shinker, able to learn for life and able to learn for life and able to learn for life and able to compete globally.

Egypt closed to invest in its new generations through building a transformative and modern education system condition with international quality benchmarks. The new education system is designed to help our children and grandchildren copin a better future and to propel Egypt to the ranks of advanced countries to the near future. The transformation of the Lyppian street in Egypt's notional properties for the years to come and it is the only safeguard for a prosperious future.

The fulfillment of the hyppisan dream of transformation is indeed a joint responsibility aming all of us; governmental institutions, parents, civil society, the private sector and media institutions, Here, I would like to acknowledge the critical role of our belowed teachers who are the role models for our children and who are the corneratone of the intended transformation.

I ask of every one of us to join hands towards this orbit goal of transferous Egypt (brough education in order to record Egyptian excellence, leadership and its jugat etystration.

My waithest regards to our civildren who will begin this journey and my deepest tespect and gratified to our great teachers.

Dr. Turch Gutal Shawki.

Minister of Education and Technical Education

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SCOPE AND SEQUENCE

Thems 1	I discover myself		
	Sant I What con Eda?	Unit 3 fronts and primals	Writ 3 My world
Vocabulary	body systems bone trined heart helps respelse similaren ezomoch section	onimals amphilipm, prochad, bot, bird, from immediate manimal, reptile species, rentetrate treat, fin, fin get seales crait, throughly, proschabeer polyfish octopus, and squad Comparative and superlative adjections, lidroriss.	my local new community neighborhood citypeship to the tory stymanty, hereglypts, phonocity scribe governmentes of Egypt, capital city music clapping, my robos and ganus robobs shabbaba simument, sind instrument, and instrument.
Longuage	Micromorphia to tody the loursque Copyrol letters (registr, fgypt, Proite	An Apon elephont is proder than an African elephont. The biggest arms of a the earld lives in the end. Some invertables our sear very next.	This is my neighborhood it is time. That's your take it's yours. Important dynastics suiled (gypt for many years.
Rending	A total about services	Tysts about around blassifications a term about around sizes	A light about the history of ancient Egypt, texts obout list music and lak dencing
Wir if ling	Chousing a suitable little for a light a paragraph about a healthy litestyle, notice to plan activities.	Procticing dictionary styles writing about odventages and decovertages, a habital report	Describing your community is partial oph describing talk music of denses
Speaking	A disting about Birystest and creative activities	A live or Force game, discussion obout colors, description of a picture	Tohing about where you had group work to make a tourist unformation guide
Listening	Interviews with children taking about sorane, information about Paralympic athletes	Facts about primale facts about under the sea world	Children describing that communities, information about governmentors, revisibili entruments
Life skille	Fell-management eating healthly, living a hoolthy blu Nespect of diversity, differently- guest people	Critical thinking considering advantages and disodvantages Colleboration poinwerk about a micro-habital	Respect for diversity the different governorstes of Coppl Commerciation a tourist information godes
Volum	Appreciation of science Tolerance	Appreciation of science	Curiosity Participation
istues and challenges	Preventative and therspectic health Non-decrimination returns	Invironmental responsibility	Legalty and belonging feational unity Assorances of duties and rights
Integrated cross- curriculum topics	Boolel studies to healthy identyle Science body systems, sonses	Belence; classification of animals Art: primary and escandary colors	Bodel studies are ant Egyption history, the governorates of Egypt Munic traditional Egyption music and dunce

Thoma 2	Myself and others		
	Grand country	Unit 5 Resources in our earlis	Livi B Let's work
Vocabulary	piaces city, congestion, donsely separated, sparsely populated, established, evoluted, metropolitics, profestional, subort, elloge eroquiar plurals bobies, buffoloes children, geens, men, people, potatoes, sheep, (emgrans, eamen croft, oriests, corpet, dyn, spin, sarp, yaza	Hatural resources renewable, non-renewable, coat crude oil fouri fuel, metal, metal and ratural gas, oil reef, painoleum, plastic, soil, store, eater, each power, tidal power, metrupodium, sular power, soibr energy elegistical energy, mechanical energy. Consers: application, corser, superinnos, promotion, stall. Intent. Impn.	Transportation air pipe, rail roust eater career, podcast, search argine browner specific posspirates, characters, relating, containers. Such Canal ship's captain, rows, entrepreneurs.
Longuage	Every time I lock at it, I rumaniber have much work and elicit it sales to make just one carped. My grandine took not to a workshop so that I could learn about this craft. These artifacts only use natural vegetable diese pithough some other workshops use synthetic dies.	The body cree when she's hungry, ture del her sownee project on global worming thou did her sownee project on radal passor. The body crees when she's hungry Both children presented their projects on Thursday.	People will travel to Mare for exception in 2002. My parents won? buy a self-driving our next year. Punctuation marks commo, evolunistion point, period, quantion mark, apostruphe.
Reading	A fault about sales and villages A feet about visiting a comet workshop, a test about a city	A factual test player regional researches a level observe receivable amongs	A literary less about economic octonty, o factore fast about passwords in paragraph about nature resources.
Weiting	Sentences with subardinating arriginations of and about your aity, a description of a design	on orbid to apply for a job, notice about a dealgr	A diagram about tech jobs structuring a paragraphic a chart to make a plan
Speaking	Describing where you live	Describing natural resources; o discussion about Jeanness's	Arriving and answaring about types of transportation, processing a business plan
Listening	Descriptions of a pity and a village on interview about different places	A discussion about fossil fuels, a job intersione	Children toking about fromsportation, a product about tech jobs, internation about search angings.
Life white	Creativity: design g new crea all emort growth for a city	Colleboration how to be a good to lim mornion. Critical Hinking and creativity design a sehiole that runs on a recentible energy source.	Collaboration, accountability and decision making creating and presenting a business plan
Volumes	Curiesity Obsertieby	Respect Wark entires	Independence
hause and challenges	Otoership Surl sireship sireslepment.	Environmental responsibility Sustamoble development Entragramourship	Ortmonship / Entrapronourship Technological assertions
Integrated cross- curriculum topics	Social studies planes in town giving directions, traditional crafts Mathematical programmers, and dividing numbers, adding and subtracting fractions. Art. Isadilianal crafts	Social studies: renewable and non-renewable resources Science the rule of science in improving people's from	Social Studies from portonion services Career advestion, moting a haziness plan CT search engines and strong passwords

LET'S REMEMBER! LESSON 1

1 Write the words in the correct group

bandage caption chimpanzee composs crutches fiber grassland headling macaw magnet nutrients oosis spring teenager toddler wetland

- 1 polor, desert,
 - 2 adult, baby, _____.
 - 3 article, advertisement,
 - vitamins, protein.
- 5 first-old kit, syringe,
 - 6 lake, river,
 - 7 needle, pole,
 - 8 sloth, cheetoh, . ____



Listen and write



This is a tracelet, it's made of soul















Order and write

used / to / We / go / Saturdays / museum / the / on / to

We used to go to the museum or Saturdays.

- 2 like / What / it / does / taste / 7
- 3 too / water / There's / cup / much / the / in / .
- sometimes / after / They / swimming / school / go / ...
- 5 fast / run / you / How / con / ?



Listen and number













LESSON 2

1	Read	and	chack	(1)	OF	Cross	(x)
---	------	-----	-------	-----	----	-------	-----

- When you ride a bike, you need a helmat to protect your knees.
- When you stay positive, you feel happy.
- All living things need water.
- There isn't any sugar in fruit.
- A newborn kitten is about six months old.
- One teaspoon has four grams of sugar.
- 7 Hydroponic forming uses only soil, not water, to grow plants.
- There is salt water in an oasis.

2 Read and complete

course diseases interview scans many article

Hallot Con I you for our school newspaper?

Dector Yes, of 2

Fores Thank you! ('m writing an 3 about the new hospital, is it very big?

Doctor Yes, it is, it can help lots of patients

to get better from injuries and 4

Fores That's great. How 5
doctors and nurses work there?

Doctor Oh, I don't know exactly, but there are a lot.

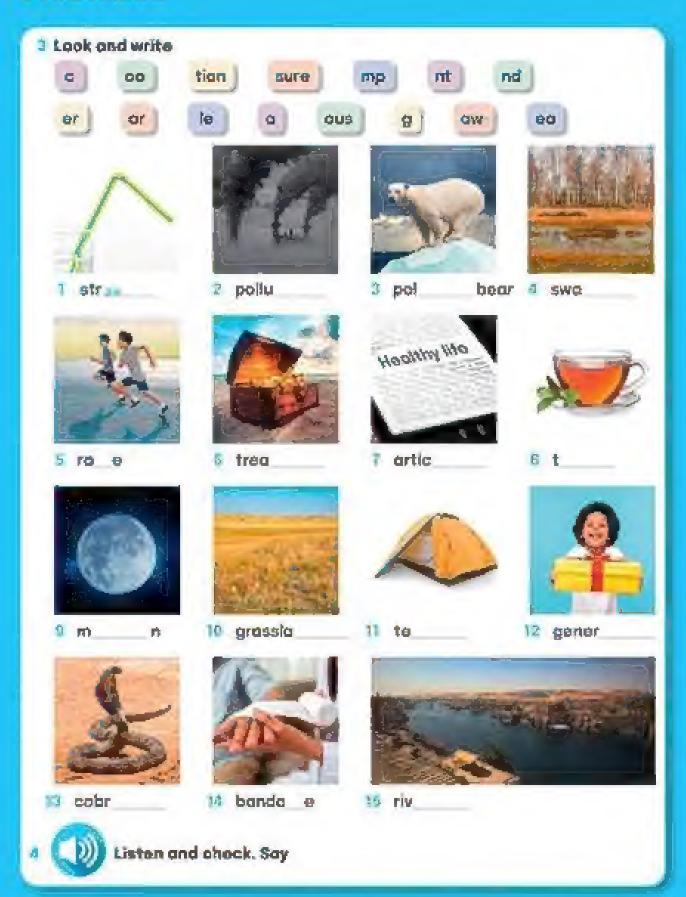
Fores Do you think it was important to build a new hospital?

Doctor Yes, I do. The ald hospital was quite small. Now we have lots of new equipment, so we can do more ond surgery.

Fores That's fantastic. Thank you for your help.



PHONICS







In this unit I will ...

- understand important systems in my body.
- · learn about my brain.
- form and use regular and irregular present simple verbs.
- · read about our senses.
- proctice when to use capital letters,
- choose and write a title for a text
- plan activities for a summer comp.



Look and discuss

What is the child doing in the photo?

- 2 What parts of the body do you know?
- 3 What can different parts of the body do?
- Is it important to hove enough sieep? Why?
- 5 How much do you sleep every night?



To be active in the day, we need a good diet, plenty of water and enough sleep. Children aged 7-12 need eleven hours of sleep a night



Find out

How much water should children drink each day?





Listen and read

Digestive system

We use our digestive system when we eat and drink. We chew and swallow food, then it goes to our stomach, in the stomach, a special liquid changes the food into energy and nutrients that we need in our badies.

Bones end muscles

Our skeleton is made up of all the bones in our body. These make us strong and protect our organs. Muscles are attached to our bones, and they lift and turn bones to make us move.

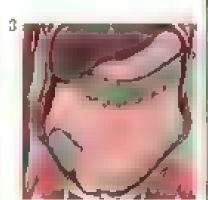
Respiratory system

We use our respiratory system when we breathe. We breathe in air through our nose, and it goes to our lungs, in the lungs, the oxygen in the air is passed to the blood. Our heart pumps this blood around our body.

2 Road again. Match and write the text titles







3 Motoh

- When we eat and drink.
- 2 When we breathe.
- 3 When we move.

- we use our bones and muscles
- b we use our digestive system.
- we use our respiratory system.



Listen and say



heart



stomach



lungs



skeleton



bone



muscle



blood

5 Ask and answer the questions with a portner

- 1 Where does food go ofter we swollow 1?
- 2 Where is oxygen possed to the blood?
- 3 What do we have to protect our organs?



There are obout five liters of blood in the human body.



Match the senses to the parts of the body

- sight
- / toste
- 1 touch
- 4 smell
- 5 hearing

- a tengue
- b eyes
- c eors
- d skin
- nose

2 Read the text Now do we use our different senses?

We use our senses every day to help us understand the world around us. We use our eyes to see and our ears to hear. We small with our nose, taste with our longue and we can feel with our skin.

Think about where you are now. What can you see? What can you hear? Our senses are working all the time and they take in a lot of information.

Look at the photo. What can the child smell? What do you think he can feel? What kind of food do you enjoy? Same foods are sweat, and same are savory. We taste lots of different kinds of food every day.

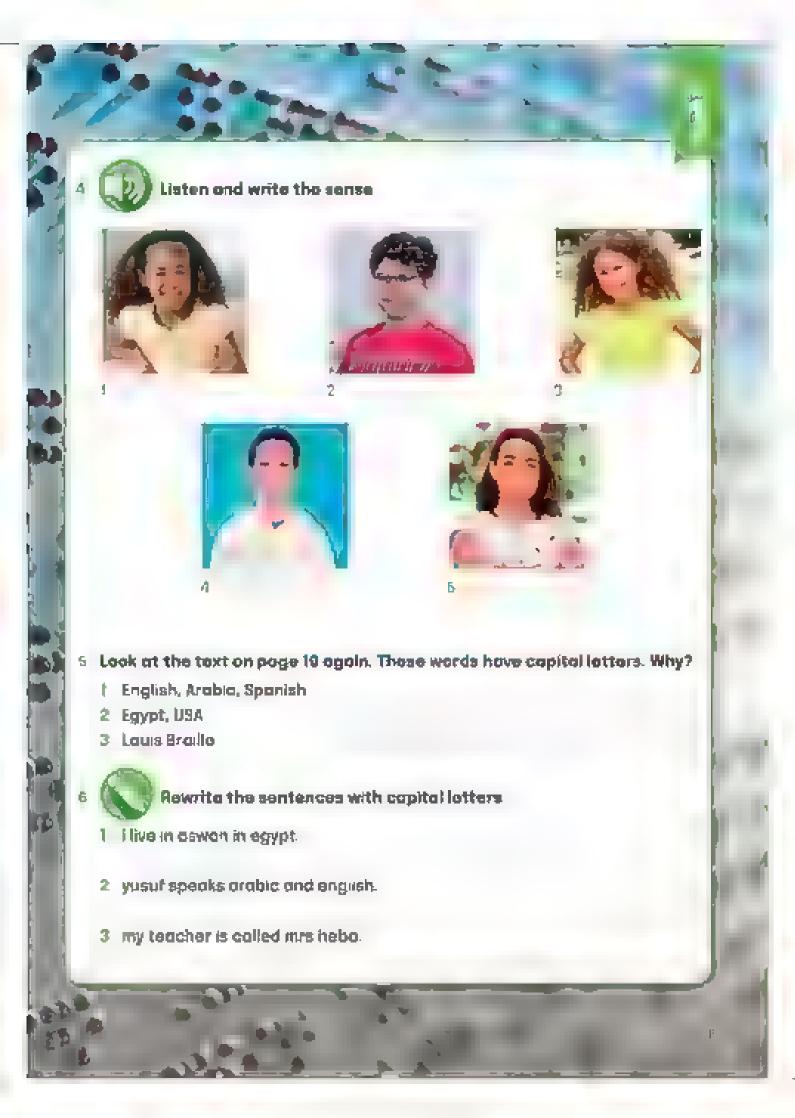
Some people connot see or hear so they have different ways to communicate. People who are deaf or have difficulty hearing con learn sign ranguage. It is a complete language, like English, Arabic or Spanish, and there are different versions of it around the world. sign language in Egypt is different from sign language in the USA.

Braille is a code which people who are blind or have difficulty seeing can use to read it has different combinations of data. They can be a letter number punctuation mark or word. The person reading can touch the data to find out what they mean. Braille was invented by Jours Braille.

3 Read the text again. Label the photos.







J-J-JON-D

- Work with a partner Ask and answer.
 What do you like to do at the weekend?
- 2 Read the story. What do Adam and Karaema like to do?



It is Saturday, so there's no school. What are we doing today, Mam? asks. Kareema.

We have to tidy the lounge. Then you can choose what you want to do. says Mom

Kareema's brother Adam smiles. I know what I want to do! he says. Let's go to the park. We can run and play. I want to proofice football.

Karaema laaks disappointed.

What's the matter? asks Mam.

Tilke the park. Kareama answers. But I want to do something creative this ofternoon. I would like to draw or paint a picture. Adom goes to the park every week."

Koreema always does drawing! says Adam.

Mom smiles. I think we can all be happy today. Let's go to the park. We can play there and we can take pencils and paper with us. You can draw in the park, too, But first, let's tidy the lounge.

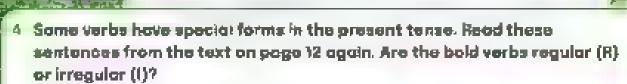
3 Read again and circle

- Mom wonts to tidy the lounge / kitchen.
- 2 Adom wants to drow / run in the park.
- 3 Kareama wants to do something happy / creative.
- 4 At the park, the children can play / draw / glay and draw.

5 The family will tidy after / before they go to the park



Our brain controls how we move, what we remember and the chaices we make. The three main areas of the brain are the cerebrum, the aerebellum and the brain stem, and they all have important jobs. The cerebrum controls our senses, thoughts, how we speak, and our memones. The cerebellum controls movement and balance. The brain stem joins the two parts of the brain



- 1 If is Scturday, so there's no school.
- 2 What are we doing today, Mom?
- J. Koreomo's brother Adom smiles
- 4 Kareama looks disappointed
- 5 Adom goes to the park every week
- 6 Kareama always does drawing!

5 Write in the present simple.

- 1 a They / be / tired
 - bi/be/hoppy
 - e She / be , hungry
- 2 all have / one brother
 - b Torek / have / two sisters
- 3 a We / do / cookery / class
 - b Hong / do / ort / class
- 4 a We / play / tennis / after school
 b Nouro / play / volleybail / on Mandays

6 Look and label the pictures

right homisphere auft homisphere, moth and science, art and music



We use the brain for of the



2 We use the brain for

of the



There are two holves, or hamispheres, in our brain. The laft hemisphere is important for moth, science, and solving problems. We use the right homisphere in creative activities such as art and music.

LESSON 4 PARASPORTS



Listen and road. What three types of modals are in the text? What do you think they mean?

The Paralympic Games is an international competition for othletes with disabilities. Like the Olympics, it takes place every four years, and is hald in a different country each time. Parasports is an important area in sports, and Egypt has many athletes who take part in these competitions



Aye Ayman Abbas is a swimming champion who Ayo Ayman Abbas has won the Egypt Cup three times. She was the first female Egyptian Paralympic swimmer in Flio in 2016. She has won lots of gold, silver and branze medals in many different countries.

Mostofa Fatholia is a runner who takes part in 100-meter 200-meter and 400-meter races. He joined the national taam in Egypt in 2006, and has taken part in lots of international competitions. He has won many medals. Including gold in the World Championship in New Zooland.



Mostafa Fathalia



Ahmed Abdel Fattoh plays sitting volleyball He took part in the 2015 Rio Paralympics, where the team wan branze. He has played with his team in Africa and Brazil and they have won many international competitions for Egypt



Ahmed Abda Fattch

Being a Paralympic or Olympic athlete takes years of dedication and hard work. Not everyone can got to this level, but there are many apportunities for everyone to take part and have fun doing a sport they enjoy.

2 Read again and choose yes or no

	1 The Paralympics is held every year	yes / no
	7 People from all over the world can take part in the Paraly	mpics. yes / no
ľ	The Paralympics is held in the same place.	yes/no
,	You need to work hard to take part in parasports	yes / no
	5 No Egyption female athlete took part in parasport compi	etitions yes/no

· 🔘

Work in pairs. Think and role-play

- Choose one othlete each.
- Think about how often you train.
- Tell your partner what you do.

I m Aya Agman Abbas. I'm a swimmer

LESSON 5 WRITING PARAGRAPIS

1 Road the texts and choose the best title. There are two titles you don't need

Do sports every day!

Tips for a hea thy diet

Unhealthy hobits

How to start an exercise routine

Why you need to eat fruit

Starting an exercise routine is hard, but it's a good idea to try to do some exercise three to five times a week. It is easier if you find a sport you enjoy doing, perhaps samething you can do with friends. Find a time that is easy for everyone in your family.

Eating the right food is very important for our health. We need a range of different kinds of food, with lots of vitamins and minerals. We shouldn't eat too much sugar or fat and fruit and vegetables are healthy choices. It's important to drink lots of water too, especially on hot days.

It's fun to play video games sometimes, but it's good to be active as well. Sitting still for a long time isn't good for your health. Sometimes people eat more unhealthy snocks when they are watching TV or playing on the computer. Try not to develop unhealthy habits.

2 Choose one of the extra titles from Exercise 1 Write a paragraph:

When you choose a title for a text, you need to sur

When you choose at the for a text, you need to summarize what it is about a quick and chair way. You don't need any extra or unimportant information. It signatures if you can make it furnly or interesting, too.

Read this paragraph from the text on page 16 again. How many sentences does it have?

A paragraph is made up of several sentences (3-8 sentences). A paragraph contains a topic sentence, main (body) sentences and a conclusion sentence.

It's fun to play video games sometimes.
but it's good to be active as well.
Sitting still for a long time isn't good
for your health. Sometimes people
eat more unhealthy snacks when they
are watching TV or playing on the
computer Try not to develop unhealthy
habits



4 Read again and follow the instructions

- Inderline the introduction sentence in red.
- 2. Underline the conclusion sentence in blue.
- 3. Underline the main sentences in war ave.

5 Road and match

- The introduction sentence
- 2 The main sentences
- The conclusion sentence
- This sentence is lost it finishes the paragraph
- This sentence is first it introduces the topic,
- c These sentences are in the middle of the paragraph. They give more information.



Find out

It's good to exercise regularly, but it's important to practice other activities for your mental health. Write a paragraph to show the importance of balancing between physical and mental exercises.

Read the text. What does mental activity do to your brain?

Summer comp!

To lead a healthy life, we need a mixture of physical and mental activities. Physical activity is good for your body. It makes our muscles strong and helps us use up the calones we got from food, Mental activities are good for our brain. When you draw, point write, or play an instrument, you really focus on the creative activity, so you relax

Come to our three-day summer camp. Play sports and learn new skills.

Make friends and have funi

2 Rood the task and make notes

You are organizing a summer comp for children aged nine and ton. What kind of activities can you do?

Think of a mixture of physical and mental activities. Why are they important? Plan activities for the morning and oftenions.

Choose what you can have for lunch and for snacks.

- Are these verbs regular or irregular?
 - work play go eat have grow be
- Which words need a capital letter?
 - abillion crobic exercise egyptian sara adam sight
- 3 Look and label the body

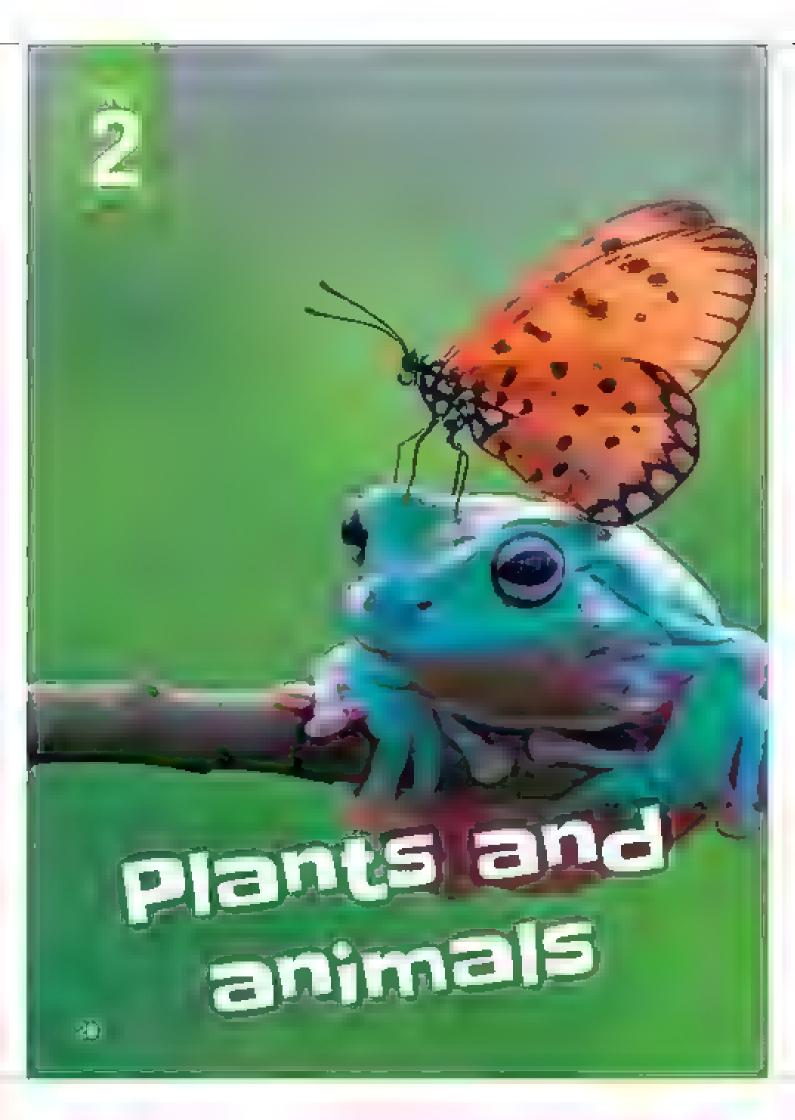
heart lung stomach muscle



- Ask and answer with a portner.
 - 1. What system do we use when we breathe?
 - 2 What does the left hamisphere of the brain control?
 - Whot are your five senses?
 - 4 How often do the Paralympics happen?
 - 5. Why is it important to be a Paralympia or an Olympic othleta?

SELF-ASSESSMENT

- 5 Check the boxes that are true for you
 - can understand important systems in my body
 - I can form and use regular and pregular present simple verbs.
 - I can read about our senses.
 - I can practice when to use capital letters.
 - I can choose a title for a text
 - can plan activities for a summer comp





- understand the classification of animals
- learn about the importance of size in the enimal world
- form comparative and superfative adjectives, and adverbs
- read about invertebrates.
- use contrasting ideas
- moke a habitat report



Look and discuss

- 1 What different unimpis con you see?
- 2 Where do these animals live?
- 3 What do they need to live?



A species of animal is a group of animals that are the same or very similar. There are millions of species of animals on Earth and scientists discover new ones every year!



Find out

How many species of animals are there in Egypt?

VERTEBRATES



Read and listen. How many types of animals by eggs?

Vertebrates

Vertebrates are animals with a backbone. There are five different types of vertebrates.

Mommols

Mammals have hoir or fur on their bodies. They are warm-blooded. They feed their bobies with milk and most of them give birth to their bobies. They den't lay eggs, Humans are mammals. Most mammals live on land, but some live in the sea, such as whales and seals. Bots are the only mammals that can fly.

Reptiles

Reptiles are cold-blooded. This means that they have to spend time in the sun to keep warm. Most reptiles have four legs, except snakes who dan't have any. They don't have hair or fur. They have scales, in addition, all reptiles tay eggs. Most reptiles live on land. Some can live in rivers or the sea, such as turties, but they come onto land to lay their eggs.

Amphibione

Amphibians can live on land and on water but they need water or a moist habitat to survive. Like reptiles, they are cold blooded and they kay eggs However amphibians, like frags and toods, always kay their eggs in water. They have smooth slun, not scales. They can take in axygen through their skip and their lungs.

Freh

Fish are in water and take in oxygen through their gills, they can't breathe air. They are cold blooded and they lay eggs. They also have scales and they use fine to move. There are thousands of different types of fish in all water habitats, saltwater freshwater and wetlands.

Block of

Birds are warm blooded, but they don't have fur or hair. All birds have feathers, and they at have wings. Birds lay eggs which are hard. Most birds can fly but some can't

They have beaks, which are made of bone. Their beaks are different shapes because they eat different food, some birds eat meat, some eat not some eat seeds.

2 Road again. Write the type of vertebrate











Listen and say









vertebrate







Play True or False

Ampli bions lay eggs on land.





Folsel They lay eggs in water



Find out

There are two kinds of mommals that lay eggs. Con you find out what they are called?



Read about size in the animal world. Where does the biggest animal in the world live?

Big and small

in the natural world, there are some enormous animals, and some tiny ones!

The biggest animal on land is a mainted: the African elephant. The African elephant is bigger than the Asian elephant.

The biggest crimal in the world is also a mammal, but it lives in the sea It's the blue whale, and it can be up to 30 meters long, in fact, they are the biggest animals that have ever lived an Earth!

The whole shark is the biggest fish in the world. It is smaller than the blue whole, at about 12 meters long.

The smallest bird is the bee hummingbird, which is about 5.5 contimeters long. It lives in Cuba. The biggest bird is the astrich. It can be 2.5 meters tall! Ostriches are faster than leopards, but they con't fly

in 2012, scientists discovered a tary chameleon in Madagascar People think it is the smallest reptile in the world, at just 30 millimeters long)

But even that is bigger than a frag in Papua New Guinea. It is 7 millimeters long, so it is the smallest vertebrate that we have discovered.

2 Read again and answer

- Are African and Asian elephants the same size?
- 2 How big is a whole shork?
- 3 Con an estrich fly?
- 4 When did scientists find a tiny chameleon?

Ants are small, but they are extremely strong!

For their size, they are much stronger than humans.

- 3 Read about big and small animals again. Underline the comparative adjectives.
 Circle the superlative adjectives
- 4 Read and complete the sentences
 - smaller biggar
 - An Asign elophant is African elephant.

then an

 A blue whole is shork. then a whale

 An ostneh is hummingbird. than a bee

4 A freg in Popula New Guineo Is then a chameleon in Madagascar



Look and write

- 1 An astrick / be / fast / than / a loopard
- 2 A bee hummingbird / be / small / then / an estrich
- 3 Ants / be / strong / than / humans



Road and write I (True) or F (False)

- The biggest animoi in the world lives on land.
- 2 The biggest animo; in the sec is a fish.
- The smallest vertebrate is a bird.
- 4. The biggest bird in the world con't fly.
- 7 Read and chaose the correct word
 - 1 A frog in Papua New Guinea is the biggest / smallest vertebrate
 - 2 The biggost / smallest bird is the astrich.



NVER TESIKATES

1 Read, think, and say

Vertebrates are animals with a backbone. What do you think an invertebrate is?

2 Read the text What does Samu find out?

Dod, don't know what to write for my project, said Sami sadily shave to find out about some animals, but, don't know which animals to choose. Why don't you write about invertebrates? asked Samis dod. More than 90 of all animals are invertebrates."

Good dear said Sami. Can Hook on the internet quickly to find out information, please?

Of course, said Dad

Oh wow! said Sami. The found a lot of information! Invertebrates are cold blooded. They live on land and in water. Some invertebrates, such as crabs, have a hard shell for protection. Others, like jullyfish, have soft bodies. Some invertebrates can swim very well, such as the actopus and the equid.

Do you have enough information for your project? laughed 9od

Oh yes! said Sami Wait The found more: Same invertebrates, such as snails, have hard shells and more very slowly. Others are faster. Drogonfiles can fly very fast.

insects are also invertebrates. They have six logs, I think grosshoppers are the most amazing insects. They can jump more than a meter! Did you know that the spider is not an insect? It has 8 logs and is called an arachnid. It can move very quickly.

Wall done' said Dod. Have you finished your research? Can't have my cell phone back now, please?'

3 Read the facts and choose

Invertebrates are warm-blooded / cold blooded

- 2 They con / con't all swim
- 3 They live on land and / but not in water
- 3 Ati / Some invertobrates have a hard shall



Listen and number









- 5 Find and underline these sentences in the text on page 28.
 - Some invertebrates can swim very well.
 - 2 Some invertebrates, such as snails, move very clowly.
 - 3 Dragonflies can fly very fast
 - 4. A spider has 6 legs. It can move very quickly.
- 6 Complete the sentences using the adverbs in the box
 - easily fast slowly well
 - Insects live in roinforests because they can find food.
 - 2 The actopus can swim very
 - 3 Snalls move very
 - 4 Some spiders can hide very
- 7 Read again and answer
 - 1 What invertebrates does Sami think are the most amazing?
 - 2 How did Sami find information?
 - 3 What other ways could Some find out information?
 - 4. Name 3 facts you know about invertebrates from the text.



Some invertebrates have a hard shell for pratection. What can other animals do to protect themselves?

LESSON H

- Look and say. What colors can you sea?
- 2 Read and say. Why do flowers have bright colors?

Scientists think that there are nearly 400,000 different types of plants. Most of these have flowers, which come in many different calors. The bright flowers attract insects which carry pollar from one flower to another flower. This heips the flowers to reproduce.



Primary colors are red. yellow and blue. We can't make these colors by mixing other colors. We make secondary colors by mixing the three primary colors in different amounts. We can make green, orange, purple, and all the shades in between. For example, we can mix red and yellow to make orange. The secondary colors can be made by mixing primary colors which are nearest to them on the color wheel. Adding block to a color makes it darker, and adding white makes it lighter.

3 Look and find the primary colors on the color wheel



Read and answer

- What colors do you need to make purple?
- 2 What colors do you need to make orange?
- 3 How do you make green darker?



Work with a partner Road and discuss

People sometimes describe colors as 'warm or cold'. Which colors do you think are warm? Which ones do you think are cold? Why?





There are lots of interesting things to see under the sea! Same fish are very brightly colored, and so are some plants in a care real having bright colors can help fish to hide from predators. The coral is very bright and has different colors, so the fish can hide from bigger fish.

In addition, many predators don't eat prey that are brightly colored Bright colors can be a warning that the animal is paisonous

I Match the words and the definitions

- prey predator
- I the enimal that hunts and eats other animals
- 2 the animal that is cought and eaten
- a Draw on underwater scene. Include plants and animals

9 Talk about your picture. Can you describe what colors you used?

WRITING: LINKING WORDS AND PHRASES

Bead about the water lifty. How does the filty's stem help it adopt to its environment?

Most plants grow in soil. However, some plants grow in water such as the water filly. They have a large. flat leaf on the surface of the water, and a long stem that reaches down to the bottom of the lake.

They have brightly colored flowers and they make seeds which float on water in addition, their roots spread under the water, and they can cover a very large area. On one hand, this can look protty, but on the other hand, it can make it difficult for other animals and plants to live under the water.



- 2 Read again and answer the questions
 - What parts of a water Illy are an top of the water?
 - 2 What parts of a water lily are under the water?
- 3 Read the tip and underline the phrases in the text

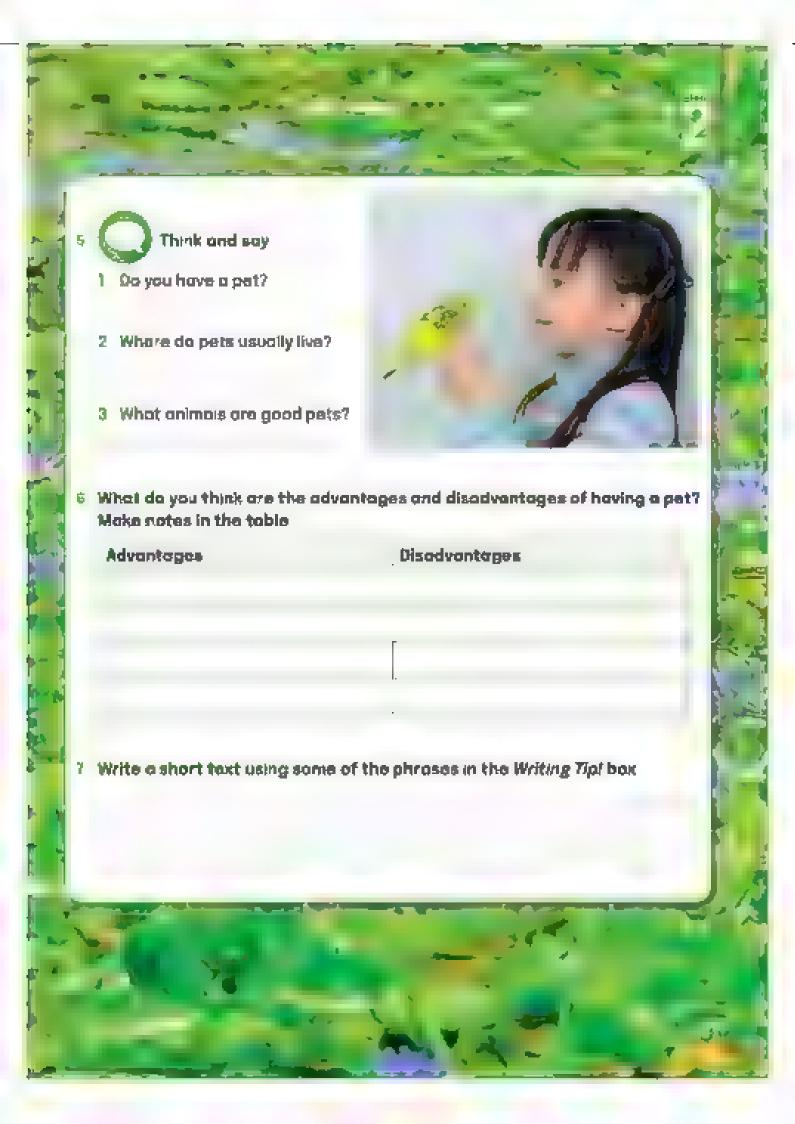
Use these words/phroses to link the sentences and ideas in your paragraph:

In addition: to add more information to the same idea

However use this to show a change in topic

On one hand ... On the other hand, these can show two different points of view on the same topic

4 Write on one animal that can live on land and an water flesourch more on how it adapts to be able to live in both environments. Use some of the phrases in the Writing tip! box



Road the outline

In this unit you ve learned about lots of plants and colorid. When we study the natural world, we find animals and plants living together in a habitat Vertebrates, invertebrates and plants all need each other and they work together to survive.

Large habitats, or macro-habitats, are forests, desorts, and grosslands. A micro-habitat is a small area such as a pond or a tree.



- 2 Work with a partner Discuss, What mlarg-habitats are close to where you live?
- 3 Choose a micro-habitat. Write a report about the vertebrotes, invertebrotes and plants that live in your micro-hobitat Vertobrates.

Invertebrates:

Plants:

4 Draw and label a picture of your micro-habitat



Write two examples of each of those types of enimals

Mommula:

Reptiles:

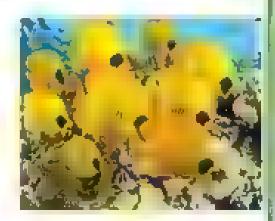
Birds:

2 Choose 2 odverbs from the list and write 2 sentences using them.

fast hoppily well slowly

3 Ask and answer with a partner

- 1 Which vertebrates have gills?
- 2 Which vertebrates toy eggs?
- Whot is the biggest arima in the world?
- 4 Which invertebrate con fly yeary fast?
- 5 Why do fish have bright colors?



SELF-ASSESSMENT

4 Check the boxes that are true for you

can understand the classification of animals.

can beam about the importance of size in the animal world.

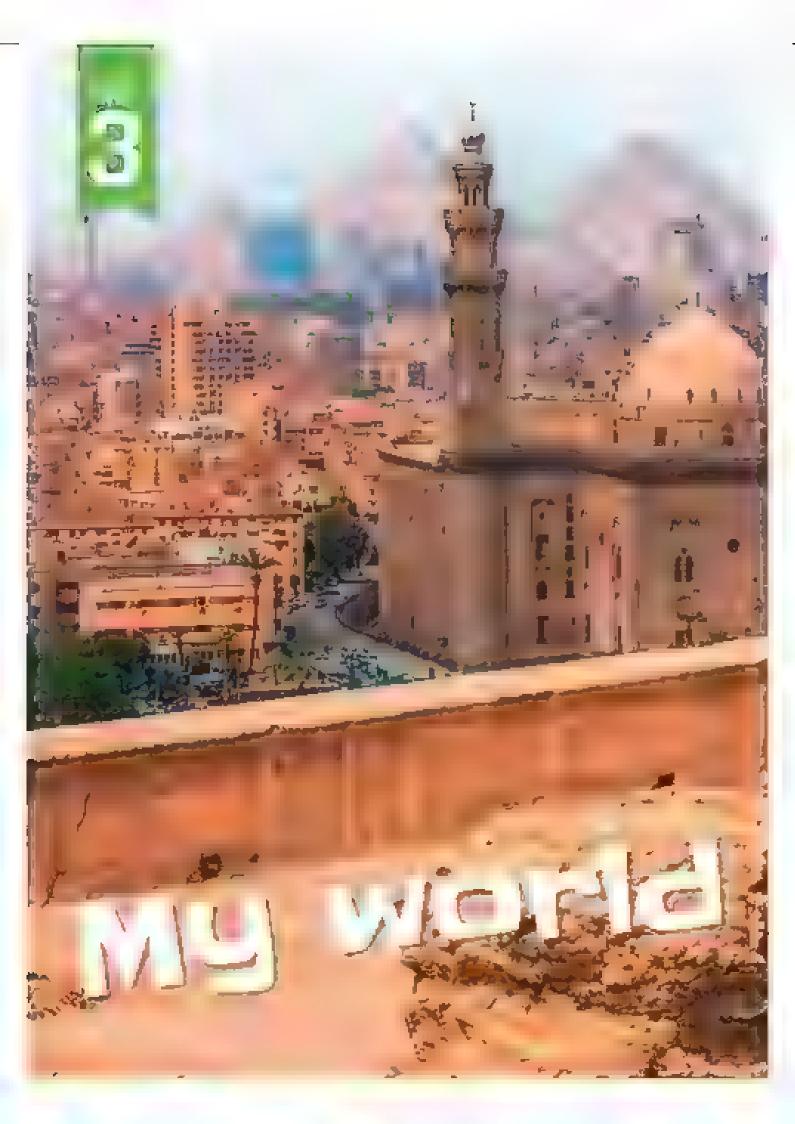
can form and use comparative and superiorive adjectives.

I can learn about odverbs

can read about insects.

I can use contrasting ideas.

I can make a habitat report.







In this unit I will ...

- understand what makes a community.
- understand and use possessive forms
- learn about the history of Egypt
- form and use regular and irregular past simple verbs.
- read about the governorates of Lower and Upper Egypt
- read about the development of farming.
- learn about Egyption folk music.
- moke a tourist information guide



Look and discuss

What different types of buildings can you see?

2 What words can you use to describe this picture?



Maria Landar

Egypt is one of the oldest civilizations on Earth. It become powerful over 5,000 years ago.



Find out

Who was the first pharach to bring Upper and Lower Egypt together?

MY COMMUNITY



Road, think, and say

What do you think a community is? is it:

- who you live with?
- where you live?
- the things you gon do?
- the things you think and believe?



Listen and read

My community

A community is a group of people who live and work together in the same area. A community is more than your house, family, or your neighborhood. It is a mixture of people places, activities and ideas My community includes my family, my friends, and my school.

There are probably important places in your city or village that you often visit You can also have a community there For me. I am part of the community at my sports club too.

When you act in a way that is good for your community, this is good citizenship. This means that you work hard to help other people, and behave in a kind and fair way. Good citizenship is a good part of being in a community. I am always polite and helpful at school, and at my sports club.



community

- 2 neighborhood
- 3 c-tizenship

 behaving in a way that helps your sacrety

Habiba

- a group of people who live togother in the same area and share activities and ideas
- c the streets, houses, shops and schools glose to where you live

4 Read again. Circle the things that you think are part of your community.

food

family

weather

sports

music

school

books

clothes

aomos

tourists



Listen and number







G Read and circle

- This is my neighborhood. It's yours / mine.
- 2 This is our school It's ours / theirs.
- 3 This is my cousins house. It's theirs / mine.
- 4 Those are Rosha's books. They re hers / mine.
- 5 That is your bike It's theirs / yours.
- 6 These are Adam's shoes They're ours / his.

7

Think and write. What is special about your community?

TITLE TO A THE विक्रिक्ट वर ब्रह्माखा नहीं

1 Read about the history of Egypt. What are the 3 main parts of the history of ancient Egypt?

Egypt is a country with a very long and interesting. history. People started to live near the Nile about 9,000 years ago, in 7000 BCE

At first there were two separate areas. Lower Egypt was in the north, where the Nile joins the sea. Upper Egypt was in the south, where the Nile. flows through the deserts of Africa.

In about 3200 BCE, one phoreoh, Mena joined these two ports to unite the country of Egypt

Egypt controlled the fille as for as boots could sail on it, so it become very .lufnewoo

There are three main parts to the history of ancient Egypt:

the Old Kingdom [2800 - 2200 BCE] the Middle Kingdom [2065 - 1775 BCF]

the New Kingdom [1570 - 1098 BCE]

Important dynasties controlled Egypt for many years. These were important familles who ruled the country.



Read again and answer

When did people start to live near the Nile?

- 2 Where was Lower Edypt?
- 3 Why was Egypt powerful when it united?
- Who was the pharoah who united the two parts of Egypt?

It was



lok and answer What did you learn?



Where was Japen Egypt?



oldest pyramid in the world. People storted building It in obout 2648 2627 BCE

Kild Well Kniew

The Pyramid of Djoser is the



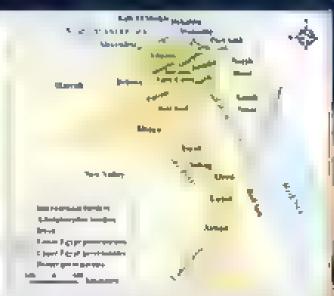
THE GOVERNORATES OF EGYPT



Look, read, and say

The governorates of Egypt

Thura are 27 governorates in Egypt today, Lack at the map. Where do you live?





Listen and chaose a, b or c

- What is in a governorate?
 - a other and areas of countryside
 - **b** large cities
 - o large cities or cities and countryside
- 2 How many people live in Cotro Governorate?
 - a 4 millions

b 10 million

a 20 million.

- 3 Which governorate is the biggest?
 - New Valley
- Alexandria
- c Matroun

- How big is Domietto Governorate?
 - 4 440 square kilometers
 - b 910 square kilometers
 - 1200 square knometers



Find out

How big is your governorate? How many people live in it?



Work with a partner. Lock at the map on page 40. Ask and answer

- 1 Which governorates are next to the seo?
- 2 Which governorates are next to another country?
- What are 3 governorates in Lower Egypt?
- 4 What are 3 governorates in Upper Egypt?



Listen, read and find these places on the map





I'm Fores, and I live in the Red Sea Governorate. It has a beach which is over 1,000 km. It is a very popular piace to visit for scuba diving and water sports

I'm (brahim, and) live in the Alexandria Governorate, it's important because lots of ships sail in and out of the port. The city of Alexandria used to be the capital city of Egypt.





I'm Nadia, and live in Aswan Governorate, it's the farthest south in Upper Egypt, its capital is Aswan, in 1970, engineers finished the Aswan High Dam.

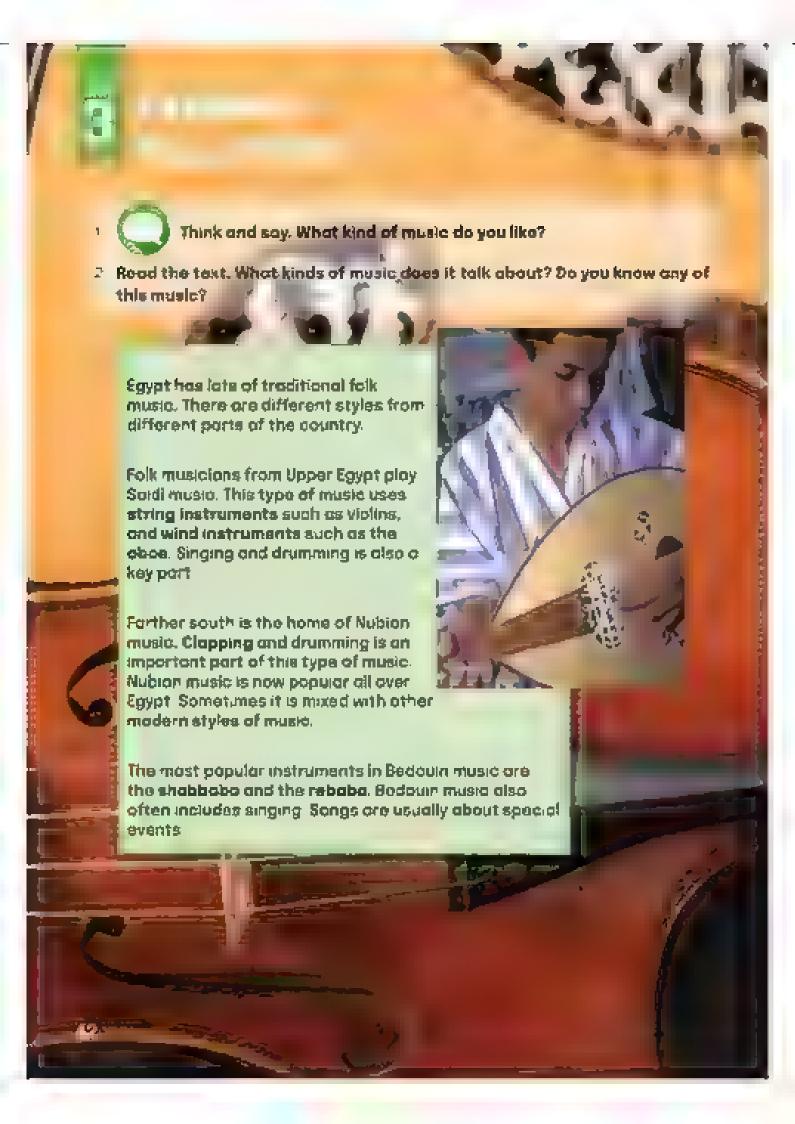


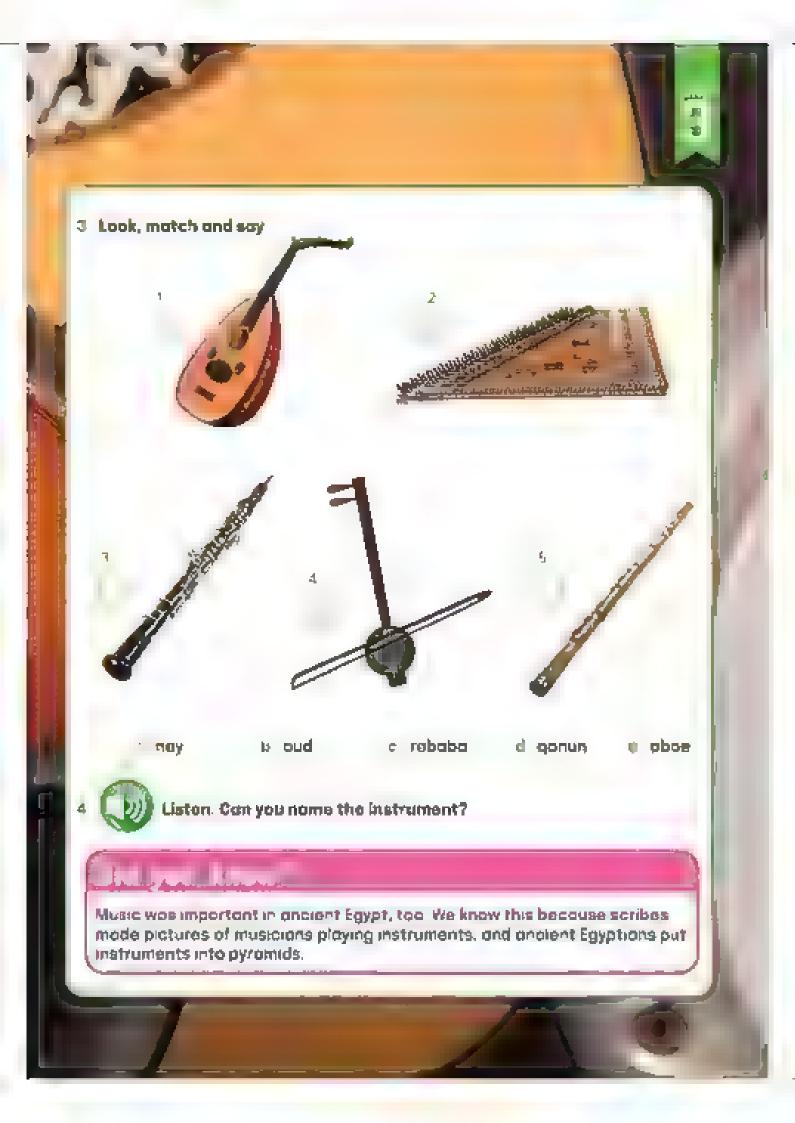




Look at the map on page 40. Choose a governorate and find out:

- ----
- . .
- More metallic





LESSON 5

Read the text about folk deading in Egypt. Have you seen any of these dances?



Folk doncing has a long history in Egypt. It is linked to the folk music of different areas.

Nubian dancing is lively and colorful. People move their arms and feet to the rhythm of the music

Rage Assaya is probably the most famous dance from the Soldi musical tradition. The dancers use sticks (Assaya) and step quickly in special patterns. The fahtib is also from the tradition of Soldi music. The dancers carefully perform a dance with sticks in a way that looks like fighting. Dancers wear special costumes. These can be dark and plain, or bright-oplaced and patterned.

in the cities alongside the Suez Canal, there are international types of music and dance. Musicians play the timelmeya, a Bedouir instrument as well as drums.

using facts about the topic using definitions of important words using more details about the topic

3 Road the tip. Find and circle the adjectives in the text

ب واسر أبياتمونية

When you write a description, use a mixture of adjectives and adverbs to make your writing more interesting.

quickly famous octorful bright corefully
Adjectives Adverbs

والبراسانيات

The first sentence (or sentences) of a paragraph is usually called the topic or introduction sentence. It explains the main idea of the paragraph. The last sentence in a paragraph usually presents a summary of the topic in other words. Topic sentences in paragraphs should be developed with facts, definitions, and details.

Write about a type of music or dance you like Use adjectives and adverbs to make your text interesting. Homember to develop your topic sentence by adding details, definitions or facts

Road and match these sections of a tourist information guide to the type of information in that section



- Location
- a information about what happened here in the past
- 2 Geography
- b the environment and any natural features.
- 3 Attractions
- traditional art entertainment food, and music.
- 4 History
- d where a place is in the country
- 5 Culture
- e what you can do and see in a piace

Which section of the tourist information guide would these sentences go in?

- There are high mountains next to a river
- ? There's an art exhibition at the museum and a market every Tuesday.
- 3 People play traditional music on string instruments.
- 4 It s in the north of the country.
- 5 People used to make paper from papyrus reads.
- 3 Work in a group. Make a tourist guide to the place where you live, or a place you would like to visit. Choose a section from the guide each to research
- 4 Put your group's information together to make a brochure





Write the past simple forms of these verbs

stort

2 become

hors

3 arow

4 use

5 play

8 worte

2 Circle the possessive forms

mine you

rt his

yours

no

them

theirs



Ask and answer with a partner

- What can be part of your community?
- 2 Can you give an example of something that shows good citizenship?
- 3 What is a dynasty?
- 4 Why was a scribe important in ancient Epypt?
- 5. What is the biggest governorate?



SELF-ASSESSMENT

- 4 Check the boxes that are true for you
 - I can understand what makes a community.
 - I can understand and use possessive forms.
 - can learn about the history of Egypt,
 - con form and use regular and tregular post simple verbs.
 - can read about the governorates of Lower and Upper Egypt
 - can learn about Egyption faik music.
 - I can make a tourist guide.



Look, choose, and write

beak für heart lungs saales skeleton





2

















2 Road and sort

bat bird crob fish grasshopper ,ellyfish spider turtle
Vertabrates Invertebrates

Read and answer yes or no

- A vertebrate is an animal without a backbone.
- 2 There are three main parts of the history of ancient Egypt.
- Lower Egypt is in the south
- 4. We use our digestive system when we breathe
- 5 Reptiles ore cold-blooded.
- When we exercise our heart beats more slowly

Complete the sentances with the correct form of the appropriate verb

We move lots of different muscles when we tenns or faatball.

games such as

- 2 Our brain
- everything we do

- tired offer exercise.
- our ears for hearing. 5 The humon body
 - about five liters of blood.

- 6 Our body
- amozing things,



Write sentances. Use the correct form of the verb and the adleative

- on ostrich / be / big / than / a bee hummingbird /
- on elephant / be / small / than / a blue whale /
- 3 snails / ba / slow / than / dragonfiles /
- be / eagles / fast / then / mise / ?

6 Road and circle, Then match and number

- I A greashopper can tump for / loudly.
- An estrich can run fast / slowly.
- The giant squid is big / bigger than ony other invertobrate.











1 2 2 1 1 1 1

Read and complete. Chaose a, b or c

The River Nile 1 was very important when Egypt developed as a country. It twice a year and this the land fartile.

There is three seasons of forming in Egypt flooding season, growing season and harvest. The rulers of Ancient Egypt Nite along an the area where boots a very powerful country.



the River sail on it so Egypt

- 1 a be
- 2 a fleeded
- 3 a mokina
- A a was
- 5 a controlled
- 6 u con
- 7 become

- (b)was
 - 6 flooding
 - b make
 - b in
 - 5 control
- b could
- b become

- e were
- d floods
- mode
- e where
- c controls
- e cont
- c becomes



Listen and number the photos. Then match and write

ney oud ganun rebabo









3 Look, read and number











- We don't understand everything the brain does, but it controls our senses memories and how we speak.
- The biggest group of animals on land is the .
 group. These animals don't have a backbone, but some have hard for protection.
- Traditional folk musicions in Egypt play late of different Said music comes from Upper Egypt (to uses wind and instruments. Ciopping and is an important part of Nubian music
- Braille is a which uses combinations of date to represent letters, number punctuation marks or whole words. Paople who are blind or have difficulty seeing can use this to read. They use
- There are three colors: red, yellow and blue. We make secondary colors by mixing these three colors tagether. Colors such as red, orange and yellow are colors auch as blue and green are cold.

4 Read again and complete

code dramming natraments avertabrate primary senses shells string touch worm

5

Read egain and enswer

- Whot controls our memories?
- 2 What is the same about all invertebrates?
- What is special about Nubian danging?
- What do people touch when they read Brailie?
- 5 How many primary colors are there?

a far far freder

Research about on Egyptian Paralympic athlete. Complete the fact file.



Competitions

Medale

How do they live a healthy life? How do they train?

- 7 Find a photo or draw a picture of the athlete.
- 2 Prepare and practice
 - Practice talking about your athlete
 - 2 Remember this odvice
 - Look at the people you are talking to
 - Speak clearly.
 - Show the picture corefully.
- 3 Work in groups. Present your athlete to your group. Listen and make notes about the presentations

Name: Name: Name:

Do they look at the people they are talking to?

Do they speak clearly?

Do they show the picture carefully?

137 - 111211111

Now I can ...

1 talk about parts of the body.



talk about the history of Egypt, folk music and folk dancing.



2 talk about animals and compare them.







I use capital letters correctly:

Arabia, Connect Plus. Egypt

write a summary for a text
devolop the topic sentence.

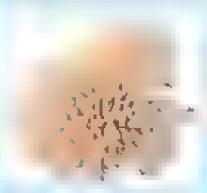


Read and listen. What is a acral reaf? Choose the best answer.

- a o brightly colored plant
- a large grea of plants and animals
- invertebrates that grow slowly and don't move

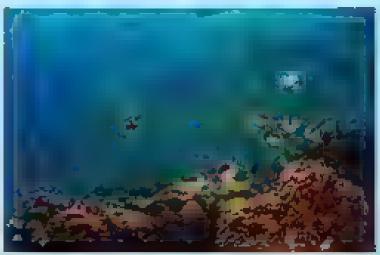
What are cord reafs? They look like they are made of plants, but this is wrong. Coral reafs are made of thousands of tiny invertebrates, called polype. They have a hard exceleton, and they don't move - they stay in the same place all the time. Different species of polype grow into different shapes and sizes, but they all grow very slowly. They can sometimes grow for more than ten thousand years.





Coral polyps can live in all the oceans around the world. In very cold water and in warm seas. They anly grow together and make agral reafs in warm water. The water must be shallow too, because the raste need sunlight to live and to grow.

We think coral reefs have very bright colors
However, most corel polyps don't have a color.
They have clear bodies and their exaskerators
are white. The color comes from tiny algae that
live inside the polyps. It is their bright colors
that we can see in a small part of a coral reef
there are millions of these tiny organisms.



Coral reefs are homes for many other onimals, so they are a very important habitat. Tropical fish often have bright colors so they can hide safely in a roof. It is a type of comoullage The unusual shapes of corol reefs also give lots of places to hide

The Red Sea coral reef is the largest gora) reaf system in Africa and the covers over 2.000 square kilometers



third largest reef system in the world. It is about 4,000 kilometers long, and

Read again and answer

- Why do coral reefs have bright colors?
- Why do cord reafs need sunlight?
- Why do tropical fish live in coral reefs?

3 Read and match

- exosimieton.
- 2 olgae
- J organism
- 1 clear
- 5 POLYD
- 6 shallow

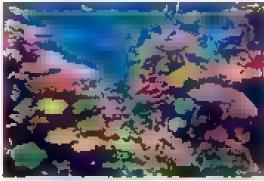
- e not deep, in the sea or a river the water doesn't go down very for
- ting color you gan see through it
- a skeleton that is on the outside of an invertebrate's body
- Yery simple organisms that live in water
- o living animal or plant
- f o very small and simple creature that lives in the sea.



Algae is a plural word Algae live inside coral polyps.

4 Look, read and circle a or b

- 1 a Coral polyps have a clear exaskoletan.
 - Corol polyps have a skeleton. which can be different colors.



- 🛂 👸 All species of polyps took the same in a corat raaf
 - Different species of polyps are a variety of shapes and sizes.
- o Coral reefe can grow in deep or shallow water.
 - Corol reefs grow in shallow water because they need sunlight.

5 Read. What is coral bleaching?

At the moment, the sees and equans on Earth are getting warmer. This is because of global warming

When the water temperature fixes, the algae inside the coral polyps leave. The algae give the coral reef its bright colors. So, when the algae leave, the reef is pale and white. This is called coral bleaching.



Corol bleaching can also happen when there is pollution, too much sunlight ar not arough water. When a reaf loses its color, the corol dies, and the animals who live in the reaf cannot stay there.



In 2020, scientists discovered that some corol reafs in the Red Sep can survive changes in temperature. They are the only types of corol in the world that can do this. The water of the Red Sea is warmer than other seas, so the corol in the Red Sea does not have the same problem with corol bleeching. Scientists hape that they can use the Red Sea carol to protect other corol reafs ground the world.

To protect coral reafs we also need to have less poliution in our accord. We must also work together to reduce global warming. It is important to protect the Red Sec soral reaf and other coral reafs around the world.

6 Read and answer

- What causes coror bleeching?
- Why is coral bleaching a problem?
- Why are the Red Sec cord reefs different?

the rin and think reach)

Why do you think corol reefs are important for humans as well as animals?

3/41445

Imagine you are part of an environmental group. You want to tell people why we need to protect caral reafs. Make notes.

Pilot

You can find out about a reaf in your country or another part of the world

What are coral reafs?

Why are they important?

What problems do coral reefs have?

Who is affected by those problems?

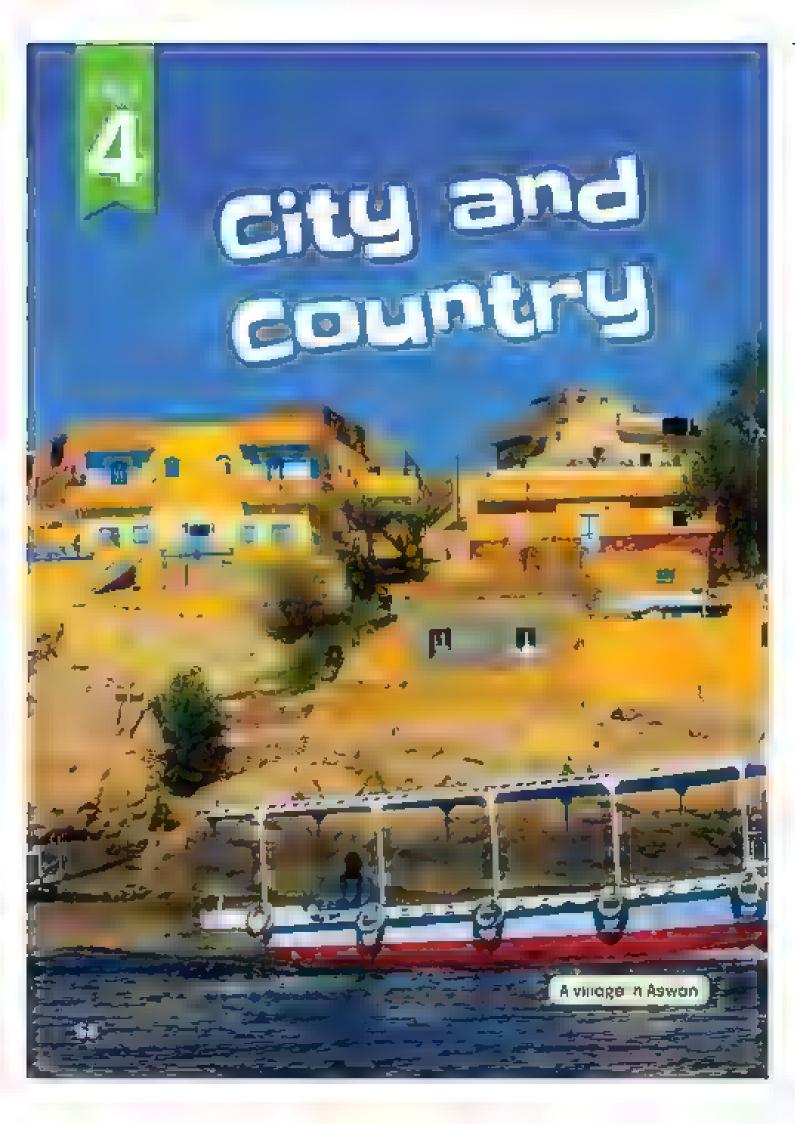
What can scientists do?

What can we do?

Think about these words Con you use only of them?

ecosystem algae pointion corpibleaching marine shallow global warming colorful

8 Write a poster about why we need to protect coral reefs.





In this unit I will ...

- compare life in the city and in the country.
- form and use regular and irregular plural nouns.
- read about crafts and heritage industries.
- use subordinating conjunctions in sentences.
- · multiply and divide numbers.
- odd and subtract fractions.
- plan smart growth for a city.



Look and discuss

1 Where in Egypt is this village?
Describe the village. How many people do you think live there? What are the houses like? Can you see any plants or animals?



- by the whole

The oldest city in Egypt is probably Fayoum. Archeologists say that people started living there more than 5,000 years ago.



Find out

How many people live in your area?

Tiestenii)

RURAL AND URBAN PLACES



Listen and road

Hello my name's fareada and I want to tell you about where I live. I live in Greater Caire. It's a matropolitan area and densely populated.

There are more than 20 million inhabitants, so it's a very busy place. There are a of a cars so there a also congestion if you are a pedastrian you have to be very careful.



Fareeda

Hi there. I'm Zein, I'm going to tell you obout my village, it's sparsely populated - only about 700 people live here. It s also a very traditional place. It's in the desort so it's an isolated place, too. We have a lot of services close to my family's home though, like shops, workshops, and my school.



Zein



Listes again. Write Fareada or Zein







- Fareeda lives in a rural / an urban anvironment There are / aren't o lot of inhabitants. The population is sparse / dense.
- 2 Zein lives in a rural / on urban environment. There are / aren't a lot of inhabitants. The population is sparse / dense.









populated



sporsely populated







congestion



spiated



Ask and answer the questions with a partner

- Where do you live?
- 2 is it sporsely or densely populated?
- What services are there?

More people live in rural areas then urban areas in Egypt

Read about Waleed's life

My name a Walced and live in a small village on the Nile My dod's a former. He grows tomotoes potatoes, dotes and onions. We have some animals too. There are six sheep and two buffaloes. There are some donkeys in my village, but my family doesn't have one now. You can see cats in the street and if you're lucky, you might see some beautiful Egyptian goose on the river.



Walged

My family lives in a traditional home. There are seven people living in it. There are two men in my family my dad and my grandpo and two wamen - my mam and my grandma. And of course, there are some children tooi I have two sisters, but there aren't any babies because we're all grown up. Do you have any brothers or sisters?



2

Read about Walced's life again. Find and write the plural nouns

woman _ | |

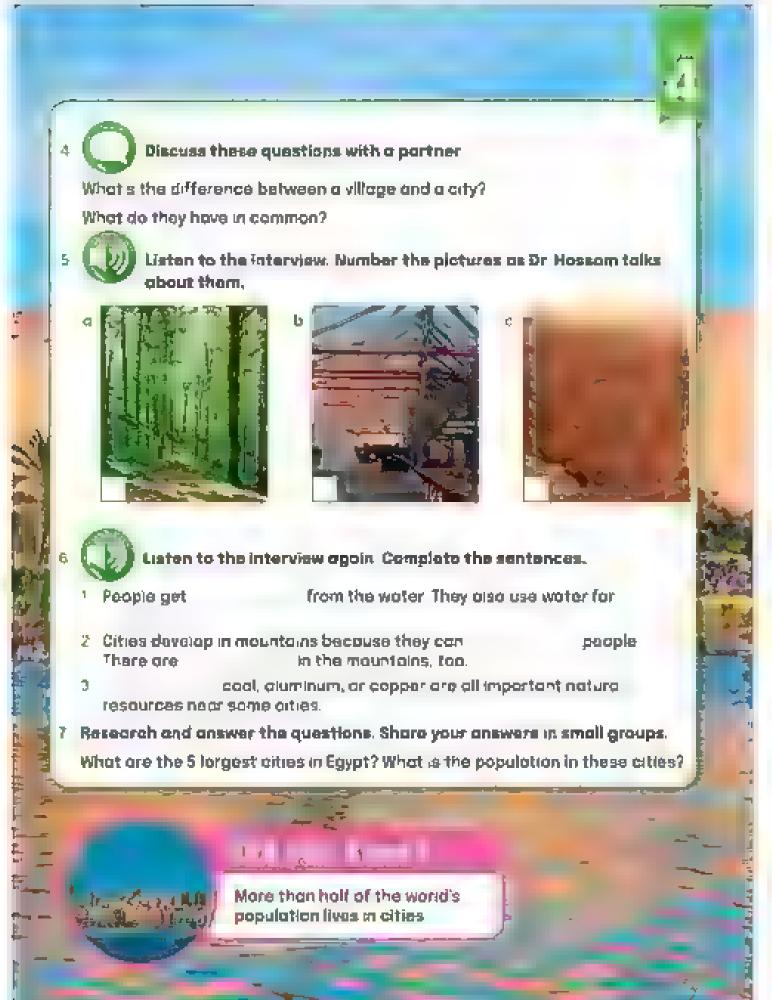
don ev

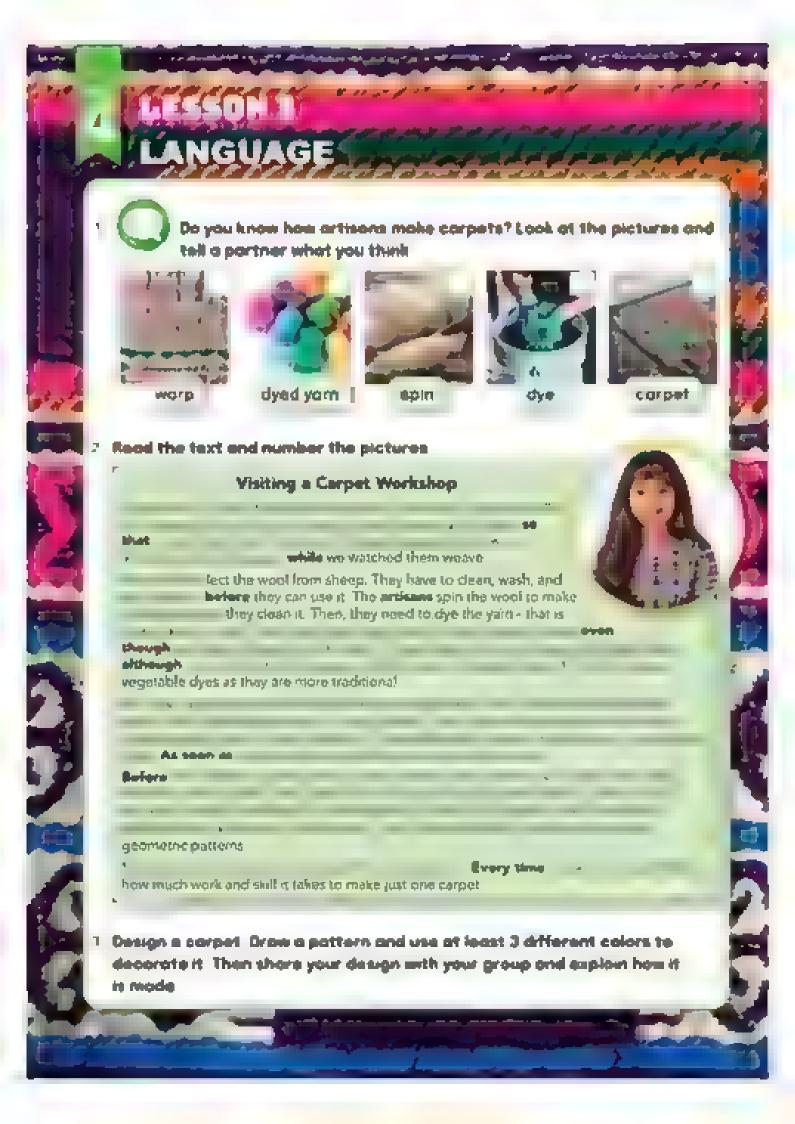
- buffalo _____
- 9 goose 11 brother
- 3 tomato

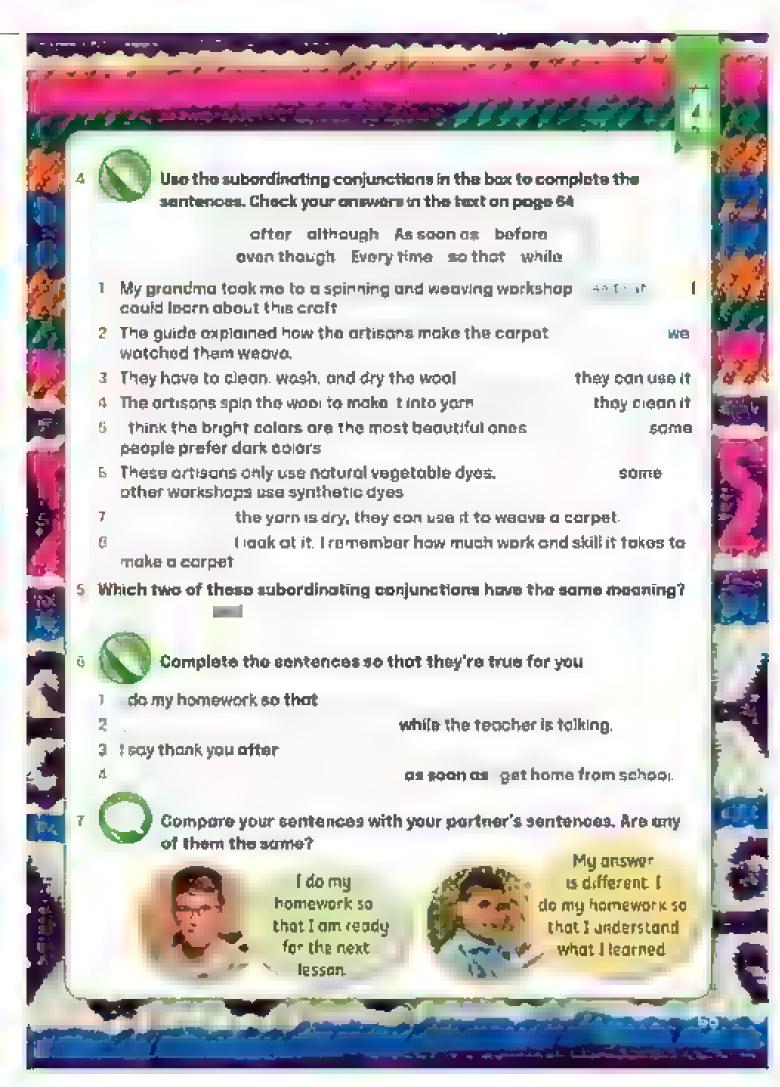
donkey

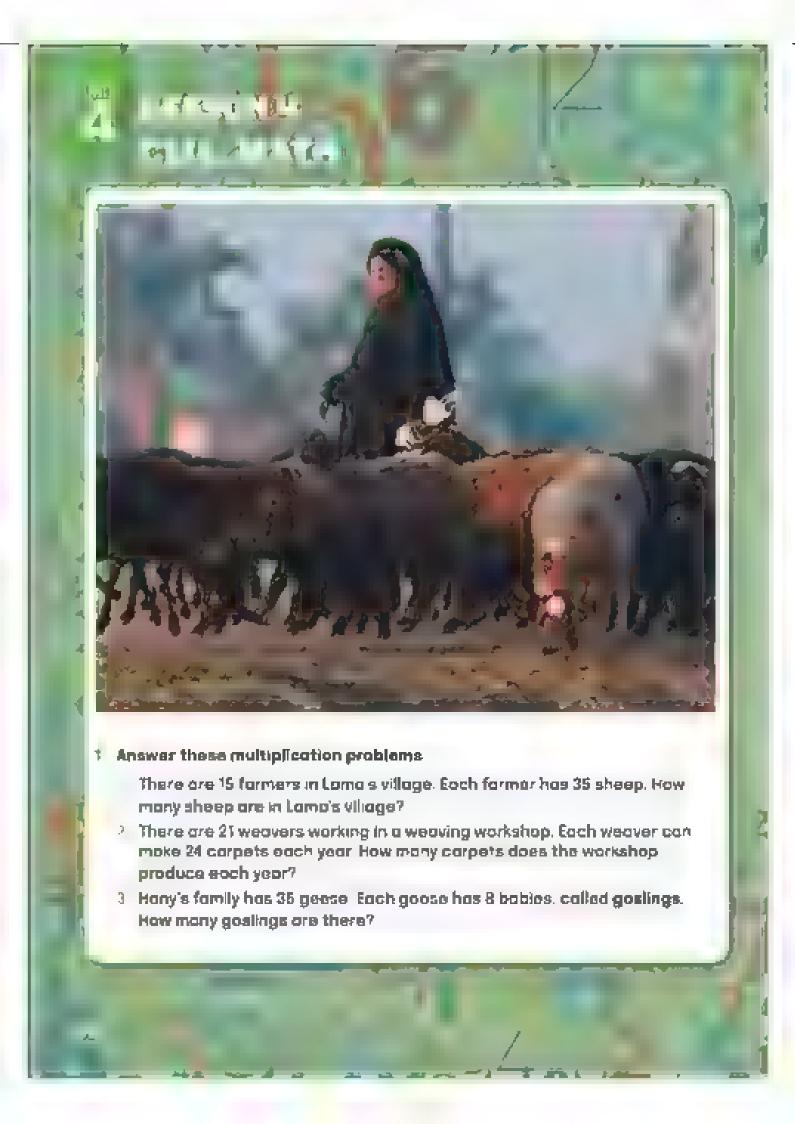
- 2 date
- 4 parson
- 6 sister
- 8 baby
- מסויה 10
- 12 child
- 14 sheep

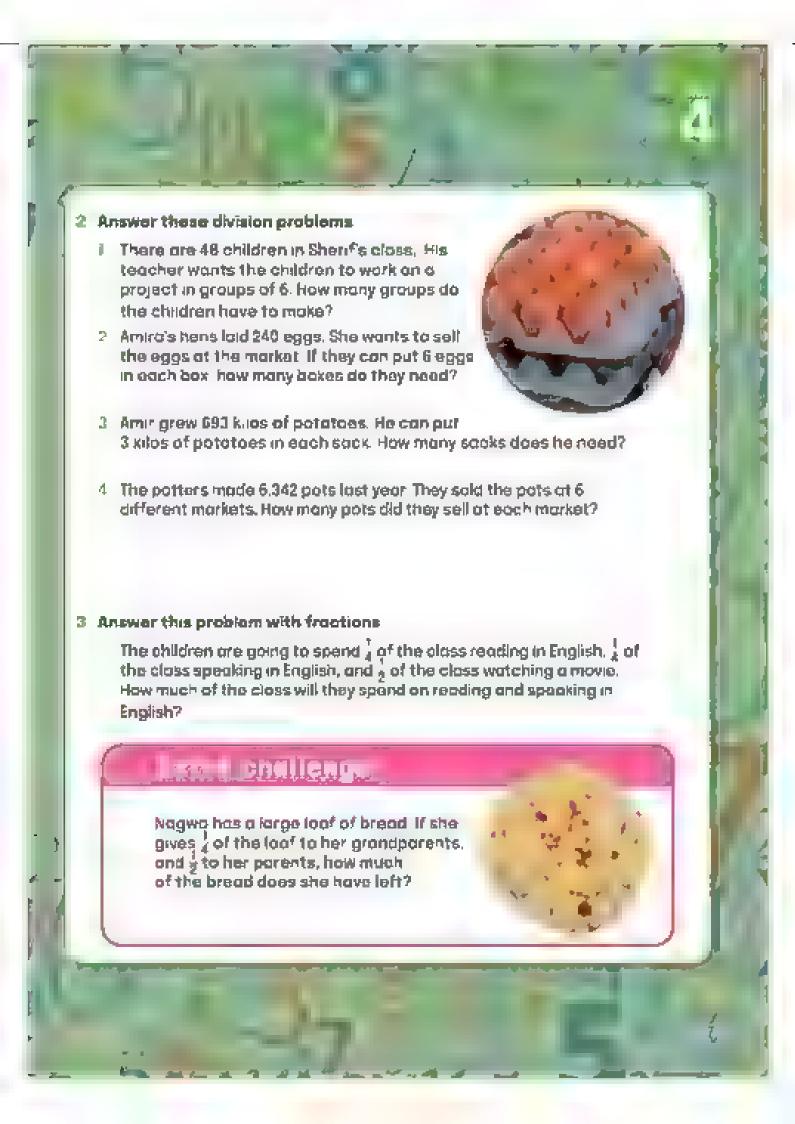
3 Check (/) the irregular plural nouns

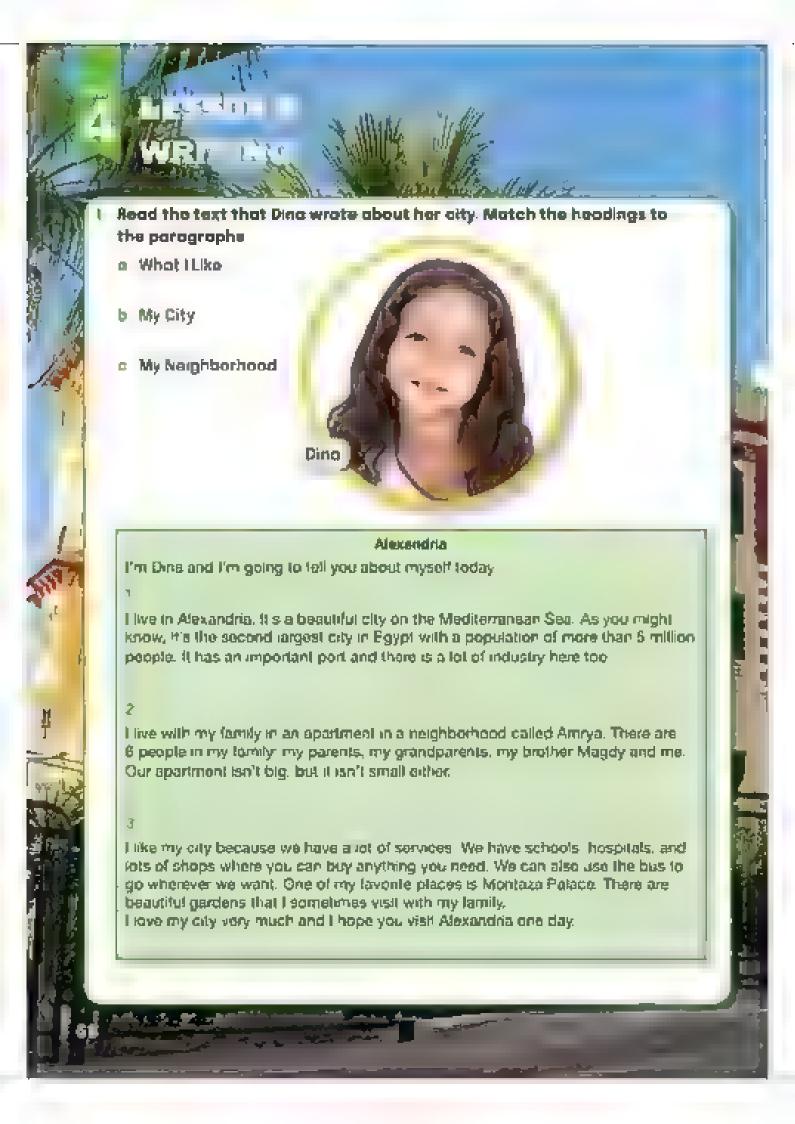


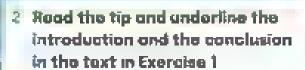












Write a text about your city. Use Dino's text as a model. Ramember to add an introduction and a conclusion to your text. Don't forget to write about; In longer texts, there is an introduction which presents the general idea of the text. The conclusion part comes at the end to present a summary of the text's main idea and tells the reader what to do with the information you presented in your text.

Your city: location, population and formous places
Your neighborhood: where you live and who you live with

- What you like about your areas: your favorite places and services

When you use clear paragraphs, it's easier for people to understand your writing. Use several short paragraphs instead of one or two long ones. You can give each paragraph a heading like Dina did too

Use the words in the box to complete the text

green cars anvironment doctors plan walk

What is Smart Growth?

Smart growth is a way to new areas of a city

Smart growth planners want to protect the and improve the lives of people living in them. Here are some of the ideas behind smart growth:

- Psople can 3 to work or school,
- There is good public transportation and no is
- People have all of the services that they need close to their homes.
 shops, markets.
 government offices, etc.
- There are respectively.



New listen and check your answers

- Work in a group. Design a new area of smart growth for a city. Draw a plan and write a description of your smart growth. Make sure to plan.
 - Housing
 - Places of work and school
 - Public transportation
 - Green spoces





person buffalo women baby child goose tomato



Write two sentences. Use one of the subordinating conjunctions in each sentence

so that every time while after before although as soon as even though



1 How is a carpet mode?

weave woo' spin yarn dye cotton warp soom

- 2 There are 5 bakers in the city Each baker makes 110 loaves of bread every day. How many loaves of bread are there each day in total?
- I Why do cities develop where they do?
- 4 What is smart growth?

SELF-ASSESSMENT

4 Check (/) the boxes that are true for you

t can compare life in the city and the country

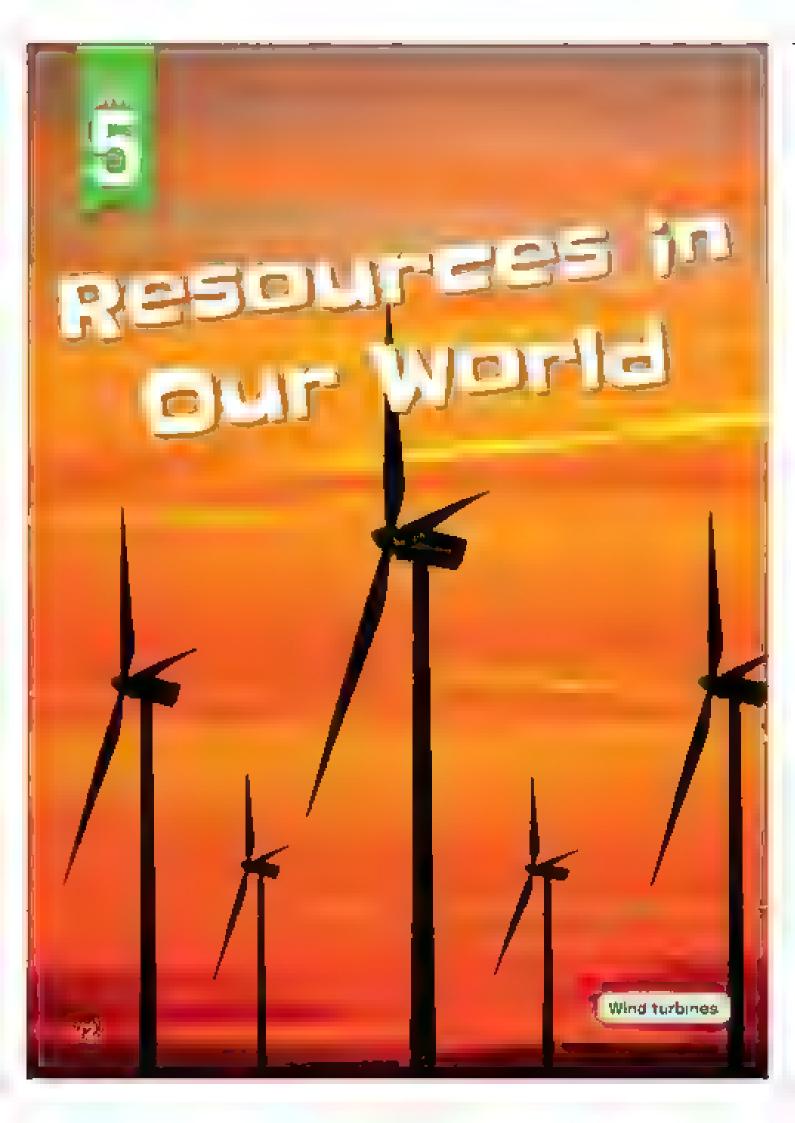
can form and use regular and tregular plural nouns.

can explain crafts and heritage industries.

can use subordinating conjunctions in sentences.

can multiply and divide numbers.

I can plan smart grawth for a city.





In this unit | will ...

- understand the difference between renewable and non-renewable resources.
- identify fessil fuers and the problems with thom.
- use the correct form of third person present singular verbs.
- explain different types of renewable energy sources.
- match and correctly use pronouns.
- recognize and use vocabulary related to jobs.
- understand how to be a good team member
- write an email to apply for a job.
- design a vehicle that runs on a renewable energy source.



Look and discuss

- What are these wind turbines used for?
- 2 Where can you see wind turbines?
- 3 Have you ever seen one?



In the wife

The first windmilts were used in western Asia almost 3,000 years ago to grind grain and pump water



Find out

How is wind energy used in Egypt?

Are there any plans to use more wind energy in the future?



CLARDING HESTONIKEE.



Read and liston. What are renewable resources?

Our Natural Resources

Notural resources are materials that we get from nature
People use these materials for different purposes. If you look
around your classroom, you will probably see different types of them. What
is your school made of? We use stone to construct buildings, bridges, and
sometimes schools too. What are you sitting on right now? Is, I made of
wood? Forests, and the wood we get from them, are another important
natural resource, is anything made of piostic in your classroom? Plastic is
made from petroleum, which is - that slight - a natural resource!

Can you find any minerals in your classroom? What about the door handle the window frame, or the watch your teacher is wearing? Is part of your desk or chair metal? There are many different types of metal, which are types of minerals. Gold and silver are two common ones. And they are all natural resources.

The water you drink at lunch is a natural resource. Where do the potatoes we eat come from? They re grown in the ground, and this ground is made up of what we call so:. So yes, soil too, is a natural resource.

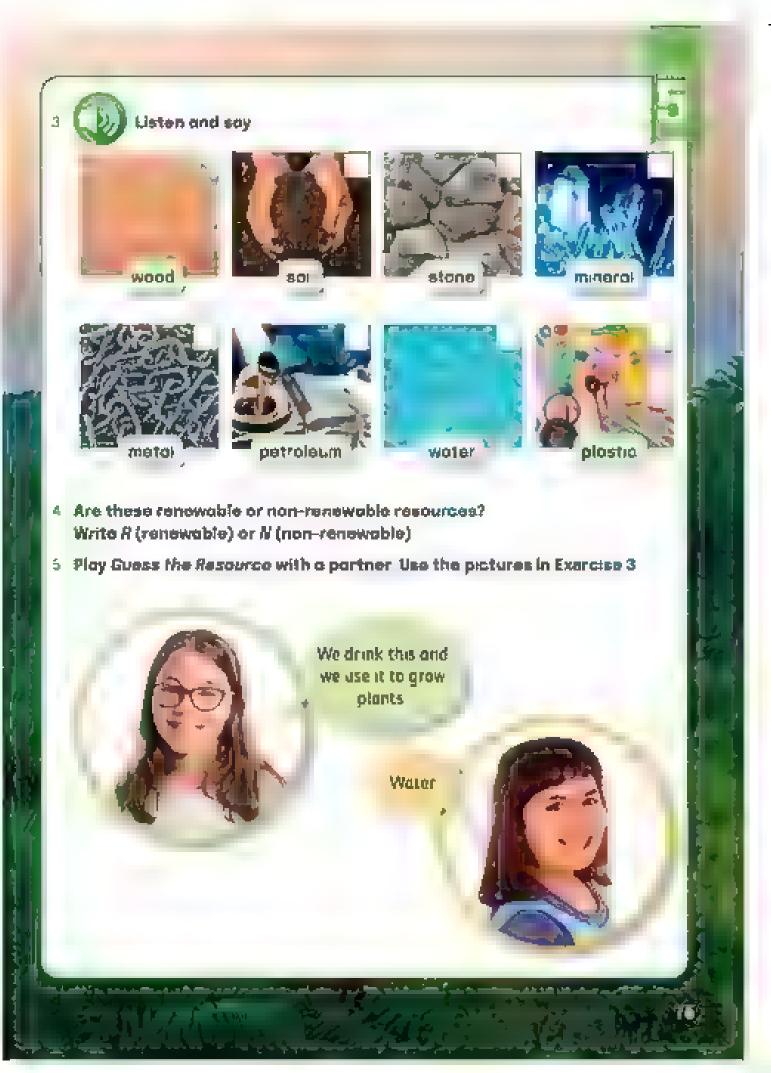
Some resources are what we call renewable. Renewable resources can be naturally replaced when they run out. The sun, wind and falling water are examples of renewable resources.

Then there are non-renewable resources. These are things the metals and petroloum. Once we have used all of them up, we can't get any more here on Earth.



Listen and read again. Answer the questions with a partner

What are natural resources?
What a the difference between renewable and non-renewable resources?
What renewable and non-renewable resources can you find in your home?



LESSON 2 LANGUAGE

Match the words to the pictures. You can use a dictionary to help you

a fossi) coal natural pos la crude all well











Listen and repeat

fossil fuels

- 3 crude oil
- notural gas
- globe) worming
- 2 goal
- 4 on all well
- 6 greenhouse gases
 - 8 plimate change



A fuel is o moterial that we burn to produce power or heat.

the dinaspurs.



Liston to a geologist named Professor Xamal talking about fossil fuels. Complete the sentences

Fossil fuels are a

resource.

- 2. Crude oil is turned into
- 3 Fossi fuels were plants and animals that lived

 There is a. climate change. problem with fossil fuels alobal worming and

SPEANING

- 4 Discuss the questions in a group
 - What fossil fuels do your family use?
 - 2. How can people use fower fossil fuels?



Today, ground 80% of the energy used around the world comes from fossii fuels

Write the verbain the correct box in the table

does flies goes knows reloxes studies uses watches When the subject of a present tense sentence is He, She, or it you need to change the verb:

-inc **中的压** - 保護 most verbs verbs that end in iverbs that end in a verb that end in a -s, -z, -ch, -sh, -x | consensat and -y |

- 6 Use the verbs in bold to complete the sentences. Look at the table in Exercise 5 to help you
 - when she a hungry. (cry) 1 The baby
 - 7 Youssel's dad is a machanic He. cars. (fix)
 - Talia sometimes. TV after school. (watch)
 - 4 My family to visit my grandparants on Fridays. (go)
 - Magdy his band when he his exercises. (raise / finish)
 - 5 Our ont gliot of water when it's hot out (drink)



Schoo :

Listen and check your answers. Then listen and repeat

8 Complete the text about Gamesia a day with the verbs in the box. Use the correct form of the verbs

> brush catch do dry eat finish go here kiss works, work worth worth



Gomeeio up for school at 7 a clook. First, she her face. Then she

her breakfast and .

her

teeth. She 5 to achool at 7:30.

at 2 a clock. She /

the bus to go home

her homework. Sometimes she 🤼 Then sho ...

her

mom make dinner. Her brother Younis.

the dishes with his fother.

Her family a a movie after dinner Before going to bed, she

her mom and dad goodnight.



RENEWABLE ENERGY:

Look at the pictures. How do you think renewable energy is created in soch one? Discuss your ideas with a partner









2 Read and discuss. Why is the desert a good place for a solar form?

Solar Panels in the Desert

Seldem walks to school every day. The road is next to the desert it is usually hot, sunny and dusty on the road.

Last year there was nothing in the desert. Sometimes Seieem saw a lizard, but most of the time, he just saw rocks and sunshine

Now things are different. He sees lots of workers and trucks in the desert. They are building a solar form.

At achool, Seleem's teacher asks the class a question. What is renewable energy?"

Seleem puts his hand up. Renewable energy is from a resource that won't run out, he said.

Very good, sold Mr Ali. We need to make electricity. We can burn fossil fuels like all and gas, but they wiltrun out. We can also make electricity from randwable resources like the wind and water. Tomorrow we wilt go on a short school trip to learn more about renewable energy here in Aswan.

The next day Saleem and his class are very excited Mr.A. takes them to the new solar form. They meet the workers.

Some of the workers are putting solar panels in the desert. Some workers are driving trucks. Some workers are engineers.

One of the engineers tells the class. We will have more electricity in the city seen, and in your school too! We have so much sunshine in the desert, so this the perfect place for a solar form. The solar panels collect energy from the sun and we can make that into electricity for our homes.

3 Road again and choose (7) true or (F) false

- 1 Seigem lives in Alexandria. T/F
 2 The weather is usually hat and surrey in the desert. T/F
- 3 The solar form was built last year, T/F
- 4 The class goes on a trip to the solar form.
 T/F
- 5 Same of the workers are putting salar panels in the desort. T/F
- Trucks at the solar form collect energy from the sun. T/F
- 4 Read the sentences about solar energy. Check (/) if they are advantages or disadvantages

Advantage Disadvantage
Solar panels are expensive.

- We can't make salar power on a rainy day.
- 3 Solar forms need a very big space
- 4 Solar panels are easy to look after
- 5 Electricity from solor power is cheap.

5 Read the text. Use the words in bold to label the photos

We con't destroy energy. We can only change it from one kind of energy to another kind. This is called *transfer of energy*.

When we use solar panels to collect sunlight, the solar energy is turned into electrical energy. When you use this electrical energy for a television, it is now mechanical energy.







3



Find out

Are there any renewable energy projects in your area? How do they make electricity?

LANGUAGE

Read these sentences. The nouns are in green and their pronouns are in purple. Circle the pronouns, and draw an arrow from them to their nouns.

and did her science project on global warming.

She presented her project to the class

Wool did his science project on tidal power.

He presented his project to the class.

Both children presented their projects on Tuesday.

Norther of the children was narvous about their presentations.

Each of the children practiced their presentations at home.

At the end of the presentation, someone raised their hand to ask a question

2 Look at Exercise 1. Complete the rules with one word.

l Use when the noun is a bay.

2 Use when the noun is a gir.

3 Use when it's not important, or we don't know if the noun is a boy or a girl.

4. Use when the noun is plural.

3 Complete the gaps with the correct words

Amir and Amira are twins. They worked together and did science project on renewable energy

They presented project to the class on

Thursday.

Amir presented part or solar power

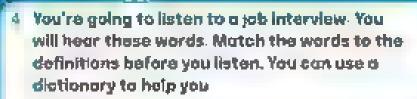
Amira presented * part on wave power.

Both children did a good job in presentation

Norther of the twins forgot what they wanted to say in a presentation.

No one raised

hand to ask any quastions.





- 1 experience
- a to teach someone how to do a job
- 2 onkill
- bill of the different jobs that a person does in their life.
- 3 a talent
- when you get a higher position where you work
- 4 piggiper
- d something that you do well naturally
- 5 to train someone
- the ability to do something wall after practice and training
- 6 a promotion
- I knowledge or proctice of doing something



Listen to the Interview. Circle the correct words to complete the sentence

Mariam is applying to be a tidal turbine / solar panel / wind turbine engineer



Listen to the interview again. Read and write T (True) or F (False). Correct the false sentences

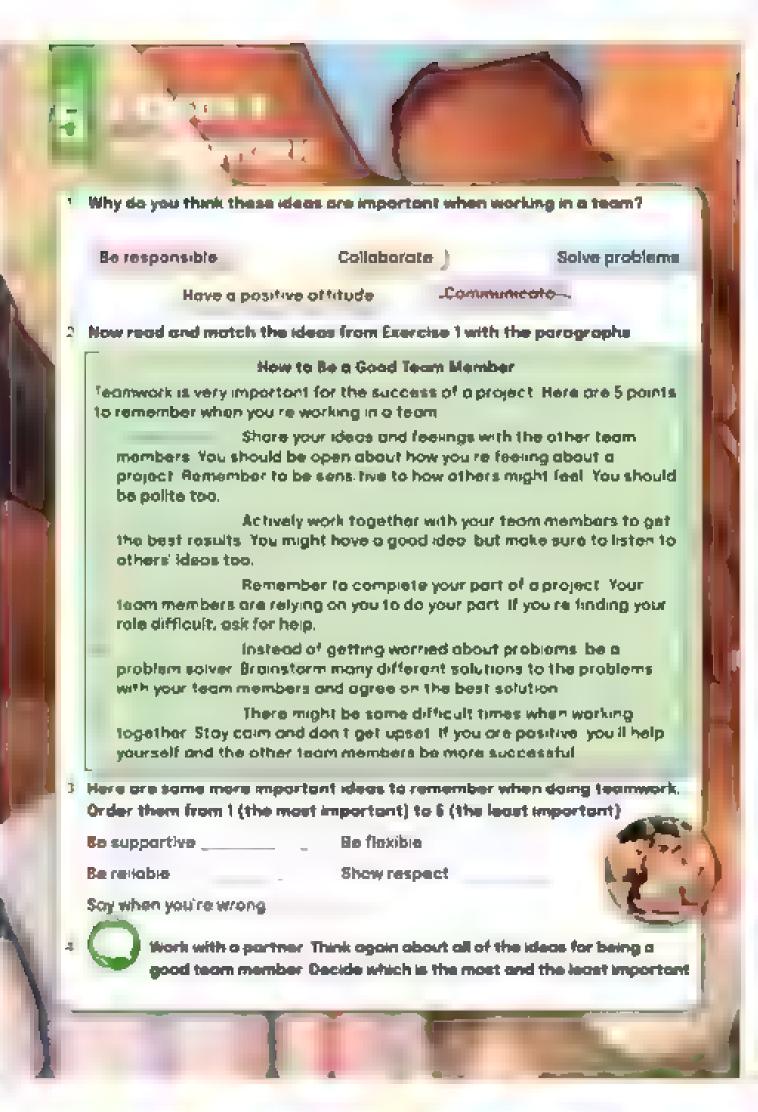
- 1 Mariam worked in Kenya for 5 years.
- 2 She learned about computer programming at her last job.
- 3 Mariam says one of her tolerits is being calm.
- 4 They will train Mariam for 1 week.
- 5 Mariam can get a promot on ofter 2 years.

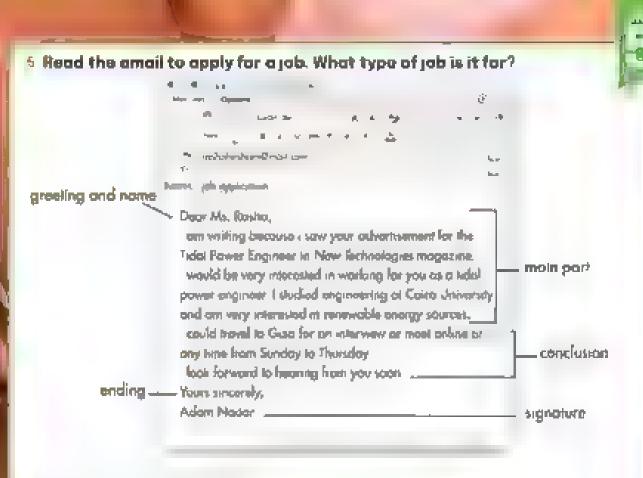


Find out

Whore is the Ros Gahreb wind form? How big is it?







- 6 Read the omail again. Answer the questions
 - 1. Who is writing the emoil?
 - 2. Who is the amplifor?
 - 3 Why is he writing the email?



Read the job advertisement. Write an email to apply for the jab

We are hiring engineers!

We are looking for engineers to design vehicles that run or renewable energy sources. Are you interested in clean energy? Are you creative? Then contact:

Mr. Ramy Bakhaum, Rombakh@mail.com

Remember to add the amail address of the sender. Start with Dear and end your email with 'Yours sinceraly,' Say what you want to write about in the main part

Road the text and underline what you have to do

It's time for you to become a dosigner of an eco-friendly vehicle. You can choose to design a vehicle for individual use, such as a car, a motorcycle, or a boat. Or you might decide to invent a vehicle for public transportation, like a ferry, a bue, an airplane, or even a spaceship. But your vehicle must run on at least one renewable energy resource. Explain why it's eco-friendly. Remember to use your imagination and croativity!

Draw a pict	ure of your ve	hicle here. I	Label the di	fferent parts	ofit



Work with a partner and explain the difference between:

- renewable and non-renewable resources.
- fossil fuols and renewable energy sources.
- 2 Write the third person singular form of these verbs

go mix wash watch eat pass play study work do



Explain the transfer of energy.

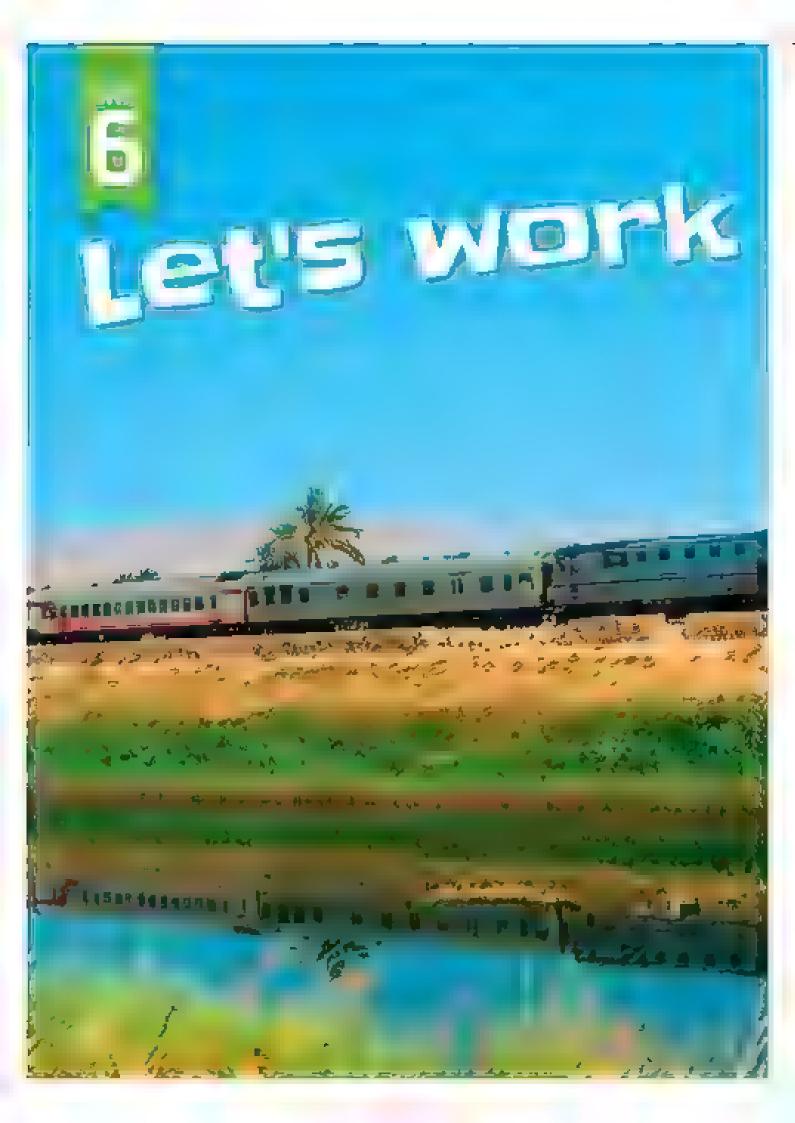
electric





SELF-ASSESSMENT

- 4 Check (/) the boxes that are true for you
 - can understand the difference between renewable and non-renewable resources.
 - I can identify fossil fuels and the problems with them.
 - con use the correct form of third person singular varbs
 - I can explain different types of renewable energy sources.
 - can match and correctly use pronouns.
 - can recognize and use vocabulary related to jobs.
 - can be a good team member
 - con write on email to apply for a job.
 - can design a vehicle that runs on a renewable energy source.





In this unit I will ...

- talk about different kinds of transportation.
- make predictions about the future.
- understand future tech jobs.
- use punctuation marks.
- learn to use search engines on the internet.
- oreate strong passwords and passphrases.
- write a well-organized paragraph.
- create a business plan.



Look and discuss

Where can you travel to on a train?
What kinds of goods can we transport with trains?



ha they

The first train line in Egypt opened in 1854 it traveled from Cairo to Alexandria



Find out

What different kinds of transportation do we have in Egypt?

Why do we use different kinds of transportation?





LESSON I TRANSPORTATION

Motch the words to the pictures of different kinds of transportation

oir pipe rail road water,













Listen to these children talking about transportation. Write the transportation they talk about



Adom



Amico



Maged





Fores



Listen oppin and complete the centences

- Adam: He likes to sit next to the
- 2 Amiro: People in new desert towns will get water from a
- 3 Maged: The government will build new electric
- 4 Lamar Ancient Egyptians used different kinds of boats and
- 5 Fares. His family stopped in towns for

and



Listen, read, and say

- Have you ever been on a train? Where did you go?
- 2 Have you ever traveled on an airplane? What was it like?
- 3 Have you ever been on a bus? Where did you go?
- 4 Have you over taken a river farry? Was it fun?
- 5 Hove you ever traveled on a ship? What was it like?
- S Complete the table for you. Use a (√) for Yes and a (x) for No.

Have you ever traveled on ?

Men

My partner

a troin

an airplane

g bus

a river ferry

a ship



Work with a partner Ask and answer

 Remember to use the extre questions in Exercise 4 if they answer Yes

Write their answers in the table in Exercise 5



You can answer with short answers (/) Yes, / have or (x) No. (haven't



Have you ever traveled on a trave?

Where did

Yes, I have.

1 went





The Suoz Cana is now 193 kilometers long. 205 meters wide, and 24 meters deep it was storted in 1859 and it took ten years to finish it

Read thase sentences. Are they about the past, the



People will travel to Mars for vacation in 2052. My parents won t buy a self-driving car next year.

Airpignes will use solar energy in the future.

- Do you think the predictions in Exercise 1 are true or false?
- 3 Match the sentence with the descriptions
 - I will take a fiving tax to school.
 - ? Rebots won't drive trains next year.
 - 3 Will you traval to the Moon one day?
 - 4 Yes, we will / No, we wen't.

- Neoptive sentences
- b Short answers
- Positive sentences.
- d Questions



Order the sentences. Listen and check

take / Aswar / train / to / Will / they / o / ?

- 2 o/ship / trovel / on / She / wil. /
- 3 the / sit / won't / window / by / Amir /
- the / people / in / fiving cors / Will / use / future / ?
- 5 airplanes / fly / In / will / 2084 / Robots /
- 6 Mars / wor t / day / on / one / l / dve /





Work in groups. Discuss the questions

Will people trave: in amplones and cars that use petroleum in the future?

- 2 Will humans live on or travel to another placet ane day?
- 1 How will you use English in the future?
- 4 What will you do when you're an adult? Where will you live?

Can you write the contractions? Follow the example

Lawii - T

We will .

J. He will a

4 They will -

S She will a

0 You will not a

- ENDER OF STREET

6 Read the following extract from a padcast about future ,obs in technology.

Underline the commo (.) in red

Inderline the opostropha (*) in blue

Jaderline the question mark (?) in orange

Underline the period (.) in green

The world is changing and changing fast but what does that mean for your life, education and career? Hello and welcome to the padcast life on Future Earth. I'm your host, and today we'll be talking about three tech jobs that people will do in the future.

7

Match the punctuation marks to what they do

- a at the end of a sentence
- b for contraction of a word
- ? ? e joins two ideas na sentence
- d at the end of a question



The exclamation point (!) shows strong feelings or emotions.

The new electric from is very fast! It can go 250 kilometers per hour.



Write the missing punctuation in these sentences

- We want to visit Aswon this year but it's very for away from where we live in Cairo.
- 2 The government will build three bridges in Alexandria Cairo and Suez.
- 1 III show you a picture of Tutankhamun's royal ship tomorrow.
- 4 Have you ever been to the Valley of the Kings
- 5. It really was an interesting video
- 6 We re studying the Ancient Egyptions at school. They are amazing



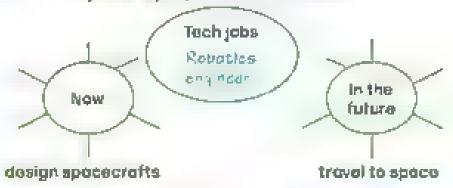
We use pro- at the start of words in English to mean before. For example, predict means to say something before it happens. What do these words mean? Use your dictionary to check.

preview prepay pre-school

Can you find any other words which start in this way?

LESSON 3 TECH JOBS OF THE TURN

- Work in groups. Breinstorm answers to the questions. Write your ideas in the diagram
 - What kind of tech jobs do people do now?
 - What kind of tech jobs wif people do in the future?





Listen to a podcast about future jobs in technology. How many 10bs does Gambela talk about?





Listen to the podcast again and write 7 (True) or F (Folse)

- LX is short for User Excitement.
- 2 UX designers create positive experiences with technology
- 3 VR is short for Very Real.
- 4 VA headsets are only used for playing games.
- 5 Autonomous machine is another name for a robot.
- Gameela says that people will use robots on farms, in factories. and in schools



Work in pairs. Discuss these questions

- What special skills do people need to do these jabs?
- Which job would you like to do? Why?







USING SEARCH ENGINES





Use a distinuary to find out what these words mean. Write a definition. Compare with a portner

search engine (noun)
look up (verb)
link (noun)
browser (noun)
ad (noun)
specific (adjective)



Listen and put the topics in order

- o specific words
- b ods
- c the words for kids
- d the options in the sourch box.
- e the safe search opt on in your browser
- f search engines that are made for children

Liston again and circle the correct word

- You should use the (child / school / sofe) search option in your browser
- 2 There are special search engines for (school / teachers / children)
- 3 You will see the ads (first / in the middle / last), grore them.
- 4 Choose the (first / best / lest) option in the search box
- 5 To get the best search results, use (short / long / specific) words.

There are more than a billion web pages on the internet

CLIE ICT PASSPHRASES PASSING ROS AND PASSPHRASES

- 1 Discuss these questions.
 - When do you use posswords?
 - Why is it important to create strong passwords?
- Here is some information about some ways to create a strong password or passphrase. Which idea for creating passwords and passphrases do you like best? Why?

How to Create Strong Passwords and Passphrases

First of all ...

Don't use personal information like names, birthdays, phone numbers, or addresses.

Don't use easy or obvious words, like Password or Computer, or series of numbers, like 1234.

Don't use less than 10 characters.

Don't use the same password for different accounts.

And don't tell your Inends your passwords.



Create a passphrase (Passphrases are much safe) than regular passwords)

- 1 Chaose four different words that you can remember mouseferryamazingfootball
- 2 Add spaces to make it stronger mouse terry amazing football
- 3 Use some capital letters, mouse FERRY amazing football

Create a personal password code

- 1 Think of your favorite color green
- 2 Add a number green87
- 3 Add your favorite school subject greenB7science
- 4 Add a symbol: green875science



Create a password sentence

- 1 Think of a sentence that means something for you. My beautiful petical is named Bes.
- 2 Use the first letter of each word: MbpcinB
- 3 Add numbers and characters you can remember. MbpcinB149&
- 3 Use the information obove to create your own pretend passwords and passphroses

Create a strong possphrase

Create a strong parsonal passocia.

Create a strong password sentence:



LESSON >

- Look and write. Use a dictionary to help you
- Road and answer. Where did Amr's ship come from?

A fun job!

Heba looked out of the window of her family's house at the ships going along the Suez Conol. Thay were so big

It must be so fun to be a ship's captain!'
thought Hobo. The ship moves so slowly I think
it's a relaxing job.

Heballoved watching the ships. She often watched them with her friends. She liked to think about where the ships came from.

One day. Heba's father said. My friend. Amr. works on a container ship. He will trave, past our house today cet's go and wave at him.

Heba and her family went to the side of the Suez Canal and waited for Amris ship. It was huge and had hundreds of containers on it

Where is the ship going? asked Heba

You can ask Amr next weak, answered her fother 'He will come and visit us then.

When Amr came to visit Heba, she had a long list of questions to ask him. He laughed and agreed to answer them al

I was on the ship when it went through the canal the soid. Then I came back onto the kind, and the ship went to France It came from China. There were lots of toys and clothes in the containers.

is it fun on the ship? asked Heba.

It's very hard work answered Amr. The coptoin has to drive the huge ship for a long time. The ship has to be straight. Sometimes, it is very difficult when it is windy. Would you like to come and visit a ship one day?

'Oh, yes please!' answered Heba.



Suez Cana







HOW TO WRITE A PARAGRAPH



- 3 Read again end answer
 - 1 Where does Hebe live?
 - 2 What does Hebo think about a ship captains job at the start of the story?
 - 3 What does Heba learn about a ship captains job at the end of the story?
 - 4 What is in the containers on Amr's ship?
- 4 What do you have to do to write a paragraph? Put the steps in order 1.5.
 - Write the main information of the paragraph.
 - b Do research to find out facts about the topic.
 - Write a conclusion sentence.
 - d. Write an introduction sentence.
 - Broinstorm some ideas.
 - 1 Put your ideas in order
- 5 Read this question. Work in groups. Brainstorm some ideas about it



Write a paragraph about the following question: How can people transport natural resources across a desert? Include ways that are environmentally friendly. Use at least 50 words.

6 Write your paragraph

Environmentous friendly ways are ways that don't harm the environment

2 Exchange paragraphs with your classmates. Did you have the same ideas?

بقره السائسانيا

Remember to start your paragraph with an introduction sentence and end if with a conclusion sentence



Read the text and choose the correct words

The Young Entrepreneurs

An / A entrepreneur is someone who start / starts a new business. In this project you are going to work with a group of classmates and start your / their own business. First, you need to decide what goods you will sell, 1 but / or what services you will offer Then you have to decide where you will sell your goods or offer your services. Finally, you will make / do a poster to help explain your business plan.

Use this chart to help you plan. Look and complete

What is the name of your business?

What is your product or service?

Why do people need it?

Will you need to transport your goods?

Will you need to use transportation to get to work?

What kind of transportation will you use? is it good for the environment?

Any other information?



Proctice presenting your business plan with your group



REVIEW



Write the names of 4 types of transportation





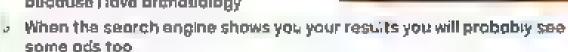
Make two predictions about the future. Use the words in the box

will won't

П

3 Punctuate these sentences and use capital letters correctly

- Don't use personal information like birthdays phone numbers or addresses to create a possword.
- I always wanted to go to fayour because I lave archaeology



- 3 Have you over tried playing a virtual reality game.
- 4 Well use robots to do jobs that are too dangerous or difficult for humans to do.
- 5 Did you know that these trains can go 250 kilometers per hour That's pretty fast

SELF-ASSESSMENT

Chack (/) the boxes that are true for you

can talk about different kinds of transportation.

I can make predictions about the future.

Leon understand future tech jobs.

I can use punctuation marks.

con create strong posswords and passphrases.

can write a well-organized paragraph.

con create a business plan-



71111

1 Read and play a memory game

- I Oraw the table in your notabook
- Look at the pictures for one minute.
- Close your books.
- Write or draw as many of the words as you can.
- 5 Check with your partner.





Now write the words



Listen and point



Look, sort and write

solar cont wind crude all wave petroleum tidal natural gas

Renewable energy sources

Non-renewable energy sources



Look and complete, then listen and check

blades electrical energy transfer wind turbine

The 1 mind turns the 2 . The blades have ond they move.

The wind 4 changes the movement energy into 6 energy. This is called of energy.



Read and answer

- There are 12 farmers in A is village Each farmer has 20 goats. How many goots are in Alis village?
- 2 The weavers made 150 carpets lost year. They sold the corpets at 6 different markets. How many corpets did they sell at each market?



bloda

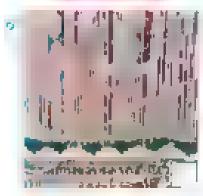
7 % L 11, 1 -

Look and order















Listen end check



Write the plural of these words in the table

brother buffalo carpet child date gaces man patato sheep tamato



Other irregular plurals

- 85

Plural is the same as the singular



Work with a partner. Think discuss and write

- What can you use to find out information online?
- How can you stay safe online? Give 3 deas



- I to get the bast search results online use specific words. I you want to find information about these topics, what words can you use?
 - Fish and other animals which live in the Red Sea.
 - b Museums, shops and other places to visit in Alexandria
 - People who make traditional carpets in Egypt



Write those conteness with the correct punctuation and capital latters

- there are more than a billion web pages on the internet that sampzing
- 2 what does a ship a captain do
- 1 JX designers make sure that technology is safe, friendly and useful for all users
- 4 there is so much information online, but it's sometimes difficult to find the right information
- 5 we wont take an airplane to alexandria. We il go by train.



J. \$ 3. 1 J. RH (##41)

1 Weave a carpet

You will need:











string

a piece of

SC SSOTS

colorful yarn

tope

Cut small cuts at both ends of the cordboard.
The cuts can be low apart.

- Proper and of the string to the back of the cord. Bring the string to the front through the first out. Take it to the bottom and through the first out there. Continue through all the cuts to make the warp of the carpet. Tape the string to the book of the cardboard.
- 3 Choose some colored your and cut about 1 meter. Take 1 and of the your under the first warp thread and over the next warp thread. Continue in the same way across the loom.



- When you finish weaving your piece of yorn, you can choose another piece of yorn.
- Finally cut your worp off your loom. The each warp string to the next string to finish your corpet.

Work in groups, Present your carpet to your group

Talk about:

- What did you make?
- How did you make it?
- Which calors did you choose?

) made a corpet. I used colored yarn and I chase blue, yellow, and red.



137 - 14.14.13.17

Now Logn ...

talk about rural and urban places.



2 tolk about renewable and nonrenewable resources.



3 talk about different kinds of trensportation.



4 use regular plurals: children, men, geese, sheep, fomatoes

5 use punctuation marks correctly.











Work in a group. Read and think about the project

Future jobs

Choose a job that you think is interesting. Find out information about that job. Think about the following questions.

- What does someone with this job do?
- What industry is this job in?
- How does this job help people?
- What tools do you need to do this job?
- What special skins do you need to do this job?
- How will this job be different in the future?



Think and oheck

Where can you find out information about this job?

Books

The Egyptian Knowledge Bank

Interviewing people



Do some research and write what you learned

K | W | L What I know What I went to know What I learned





Discuss, pion and write

How can we present our work? What will we say?



Work in a group. Present the job to the class

6 Read and check

It is important to work wall in a group. These are some deas to remember when working with a group. Think about how you worked with your group today. What did you do?

Ba reaponsible

Communicate electly

Solve problems

Have a positive attitude

Be supportive

Say when you are wrong

Show respect to other people

Be flexible

T S

Think and write

- What did you do well when you worked in a group today?
- 2 What will you do better when you work in a group again?



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PICTURE DICTIONARY



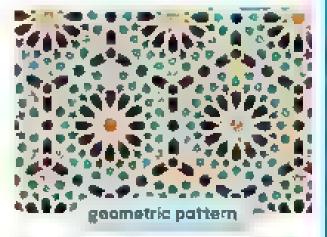
Some artisans make tables and chairs from wood.



Lotus flowers grow on rivers and lakes



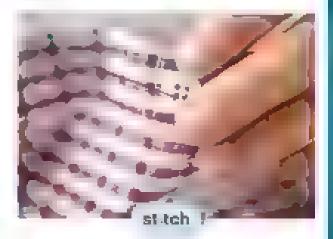
My grandmother can sew her own clothes.



We can sometimes see a geometric pattern of colorful tiles.



There are 3 layers of cream in this cake



I need 4 stitches to fix this button.



Zeinab was bared. It was the second week of the summer holiday.
Zeinab sold, "Let's go visit Grandpal".
Her mother sold. "Yes, he sisad at the moment. I think you can help him.



Zeinab got off the train. There was her grandfather and grandmother. Her grandparents were very piacead to see her



After teo. Grandpa said, 'My ayas are not very good now. It's difficult to work.

can't see to sew, I think I will have to stop making things

Grandpa was one of the Tent Makers. He was one of the best artisons in Khayameya Street

Zeinab said. Oh no: You can't stop: You make such beaut ful things!"



Zeinob and her grandfather visited the shop.

Zeinab sold. Oh look I love this big picture with all the flowers. Did you make it Grandpa?

'Yes it took me nearly four months, it's made of thousands and thousands of small stitches. I measured and cut all the proces by hand, soid Grandpa.

"All by hand? That's amazing)



What's your fovorite design Grandpo? csked Zeinab.

I like sawing lotes flowers and geometric patterns best and I also like sowing birds. I used my best stitching on the patterns, but my eyes are not good now. It is said for me.

1 wish I could saw and help you, said Zeinab.

Har grandfather smiled. 'I can teach you. Do you want to learn?

'Oh, yes please) said Zemob.



Zeinab asked, 'How did you learn to sew. Grandpa?'

'My fother tought me. When I was a child, wanted to be an engineer or a teacher, but I changed my mind. My father taught me to sew. My grandfather taught my father before that I become a Khayameya artisan, and I eve my job. answered Grandpo.

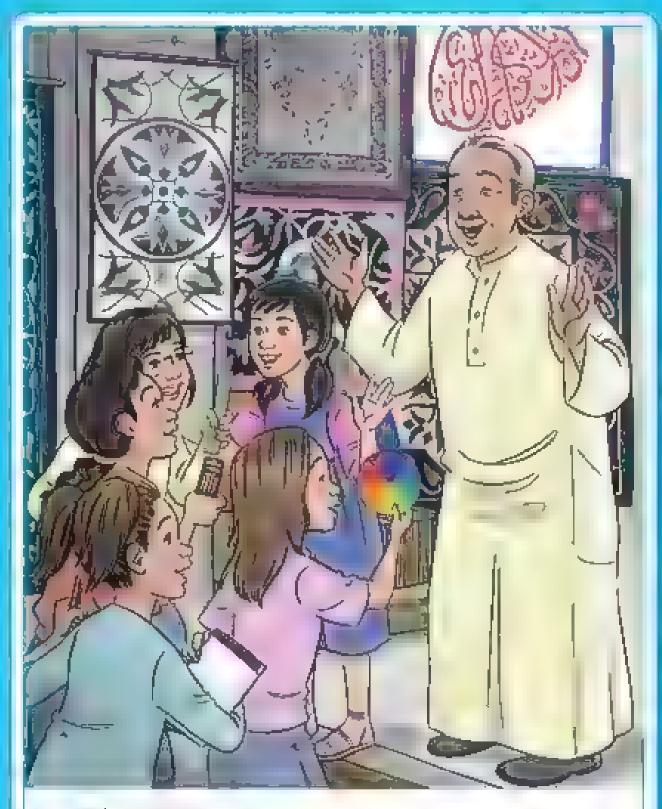
Zeinab sold. You design and measure the patterns. You choose the colors, I think you are an engineer or artist, and good at math. And now you are my teacher too.



Zeinab said. 'Grandpa, I have an idea. My friends are very clever—think they want to learn about Khayameya, too.

Rosho is great at moth and working out problems. Labou invents things at the time and has good ideas. Daha makes amozing art and Engy can help you show us all how to saw. She makes beautiful things.

Let's call them!"



Zeinob a friends arrived.

'We re here! Let's learn something new.

Grandfather said. Welcome girls. Thank you for coming! We make the patterns with three layers of cotton and put them together like this



Grandfather said Zainob you have such clever friends. What a good ideal Rasho answered. We like learning new things, and we have a great toocher!"

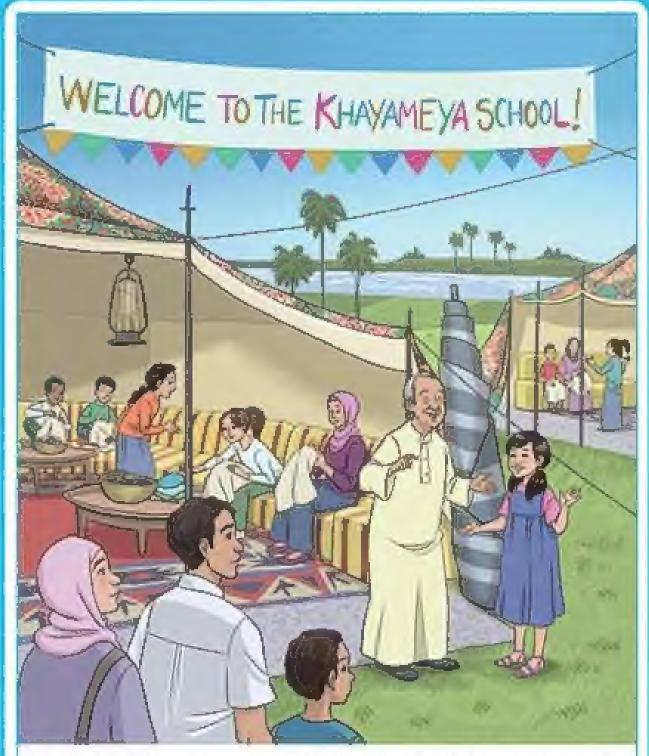


Other people come to watch

They said, 'That looks fun, Can we try?'
Zeinob's grandfather said. Welcome! Come and join us!'



Grandpo said. Zemab look at all these people! They all want to learn about Khayameya! I'm so hoppy!



Zainab said, 'Lots more people want to learn too, People in many places all around Egypt want you to teach them.

Khayameya School is traveling all summer! Next, we are going to ismailia, then Tanto and Marsa Matrouh! What a wonderful summer holiday! Thank you, Grandpol*

Grandpa loughed, 'No, thank you Zeinabi'



Look and write

Doha Engy Grandmo Grandpa Mom Lobna Rosho Zelnab



















Read and write T (True) or F (False). Correct the false sentences

- Grandpa is sad because he can't hear well now.
- 2 Zeinab likes the Khayamaya design with flowers best.
- Grandpa always wanted to be an ortisan.
- 4 Rosha makez amazing ort.
- 5 To make Kayamaya, you need a pattern with 3 layers of cotton.
- The Khayameya school is going to Aswan and Port Said.



Look and number

- I think I will have to stop making things.
- Zeinab, look at all these people! They all want to learn about Khayameya! I'm so happy!
- I wish I could sew and help you.

- Let's go visit Grandpa!
- I measured and cut all the pieces by hand.
- My friends are very clever. I think they want to learn about Khayameya, too.















Did you like the story? Why? Ask and answer



Did you like the story?

Yes, I did. It is interesting to learn about Khayameya.





After the summer. Zeinab writes an email to her grandfather. Camplete her email

Ramember to say:

- what you enjoyed.
- what you learned.
- what you want to do in the next holiday.

Hi Grandpa, Thank you for a wonderful summer holiday!

See you soon. Zelnab

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